

# **BAKLIWAL TUTORIALS**

(Where BesT students meet BesT Teachers)

# Leaflet for students currently in 10th standard

Comprehensive Course (2 years course)

(From end of April 2025 to May 2027)

Available in Completely Offline & Completely Online formats

At Bakliwal Tutorials (BT), for the last 19 years, we have served thousands of impressionable students who have turned into rational, ethical, and influential beings, contributing to a better society. Throughout this journey, students and parents have graciously bestowed immense affection and support upon us. As we are about to complete our 20 years, we feel humbled and grateful. We pledge to continue innovating and providing top-quality services to our students.



# **Director's Desk**

#### Hearty Welcome!

We appreciate your sincerity and determination to clear the important examination ahead of you. Your decision to consider Bakliwal Tutorials to be your trainer bears ample testimony to your resolve.

Every smart individual realizes the importance of an expert help at the right juncture. Behind every Edmund Hillary triumphantly waving a flag at the pinnacle lies months of toil under the watchful eyes of a committed trainer. For the past 19 years, we at BT have been the trainers for many such successful students. So, do we have some magic formula that will open the gate of a favorite institute for you? No, we do not.

There is no substitute for all the hard work that you alone must put in. What we do have is the knowledge, expertise and the right classroom culture. Our knowledge will tell you how to channelize your efforts and how to focus your attention so that you are able to achieve maximum in minimum time. Our expertise will take you through so many simulations that when you face the real test you will have confidence of being on familiar ground. Our classroom culture will help you stay positive and motivated throughout.

We have a simple definition of our success: When you succeed, we succeed. Once again welcome to the BT family, welcome to success!

Sincerely, Vaibhav Bakliwal



Mr. Vaibhav Bakliwal did his B.Tech in Mechanical Engineering from IIT Bombay after which he worked with TATA motors for a year. But his penchant for teaching made him build Bakliwal Tutorials (BT) in April 2005. BT began with the aim to help students preparing for JEE, realize their dreams; and to make sure that the preparation process itself becomes a fun-filled and growth-involving experience.

The institute is successfully doing so and is now training more than 4000 students studying in different courses at its various centers. BT is a leading institute for JEE and has produced many Maharashtra Toppers and single digit All India Ranks.

Apart from his love for studies and students, he also loves music, solving puzzles and playing chess. He has been Rajasthan Under-18 Chess champion and has played in many National level championships.

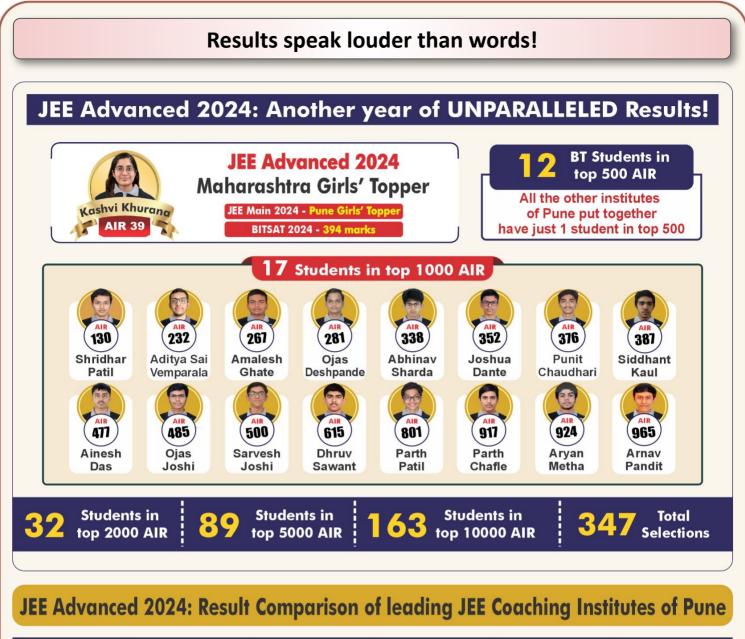
He was also class representative for his batch, General Secretary for the Mechanical Department and board games secretary for the institute at IIT Bombay.

Vaibhav Sir very deservingly is also the Vice President (Academics) of the Coaching Federation of India (CFI).

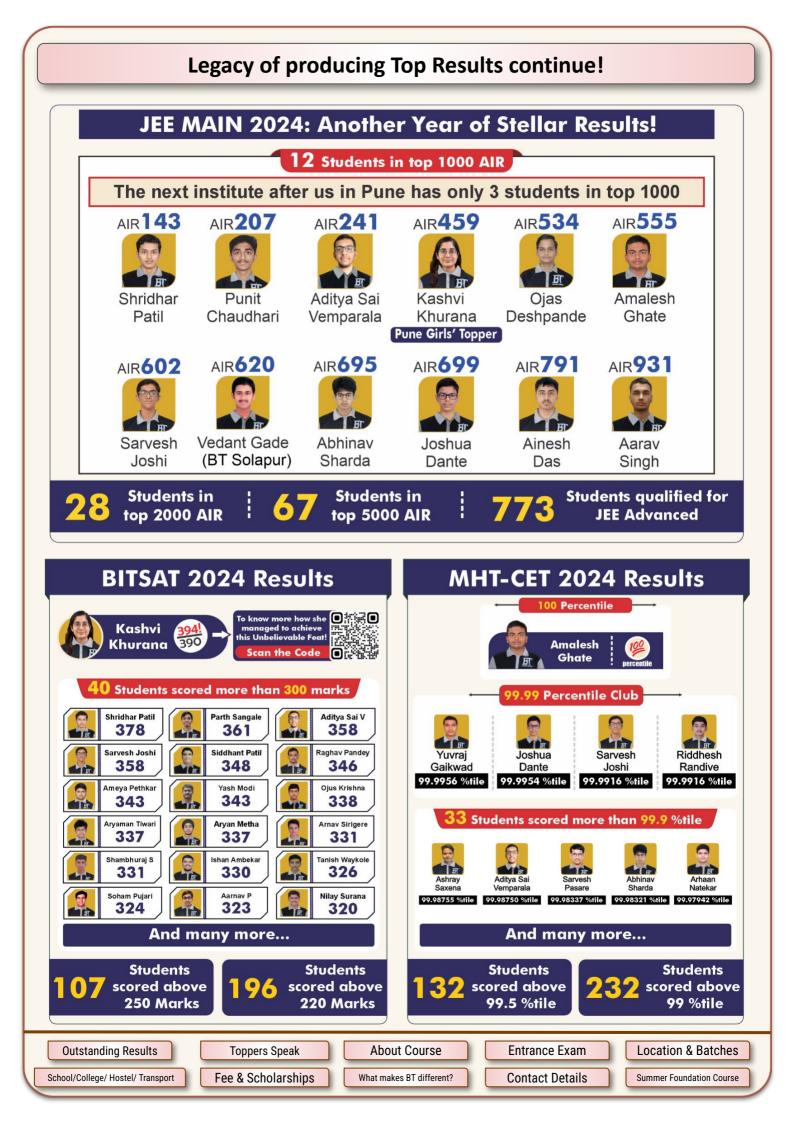
He has truly been an inspiration to thousands of students aspiring for the coveted IITs.

# Committed to create ethical, rational & powerful human beings who will bring a positive difference to the society





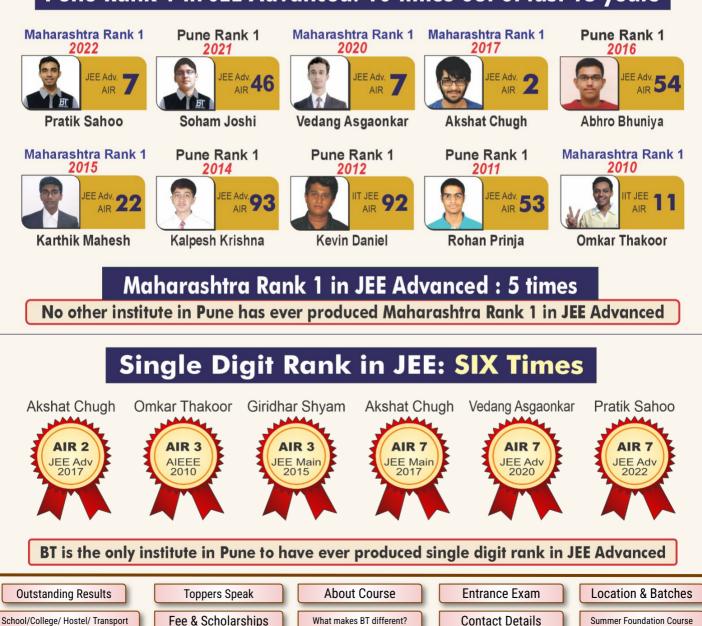
| Institute  | Students in<br>top 500 AIR | Students in<br>top 1000 AIR | Students in<br>top 2000 AIR | Students in<br>top 5000 AIR | Total number<br>of selections |
|--|----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|
| Bakliwal<br>Tutorials  | 12                         | 17                          | 32                          | 89                          | 347                           |
| Kota based<br>Institute  | 1                          | 3 (Claimed)<br>1 (Actual)   | 10 (Claimed)                | 27 (Claimed)                | No details on<br>website      |
| Delhi based<br>Institute   | No details on<br>website   | No details on<br>website    | No details on<br>website    | No details on<br>website    | No details on<br>website      |
| Pune based<br>Institute A  | 0                          | 0                           | No details on<br>website    | No details on<br>website    | No details on<br>website      |
| Pune based<br>Institute B  | 0                          | 2                           | No details on<br>website    | No details on<br>website    | No details on<br>website      |
| Pune based<br>Institute C  | 0                          | 0                           | 0                           | No details on<br>website    | 45 (Claimed with no details)  |
| Outstanding Results       Toppers Speak       About Course       Entrance Exam       Location & Batches         School/College/ Hostel/ Transport       Fee & Scholarships       What makes BT different?       Contact Details       Summer Foundation Course |                            |                             |                             |                             |                               |

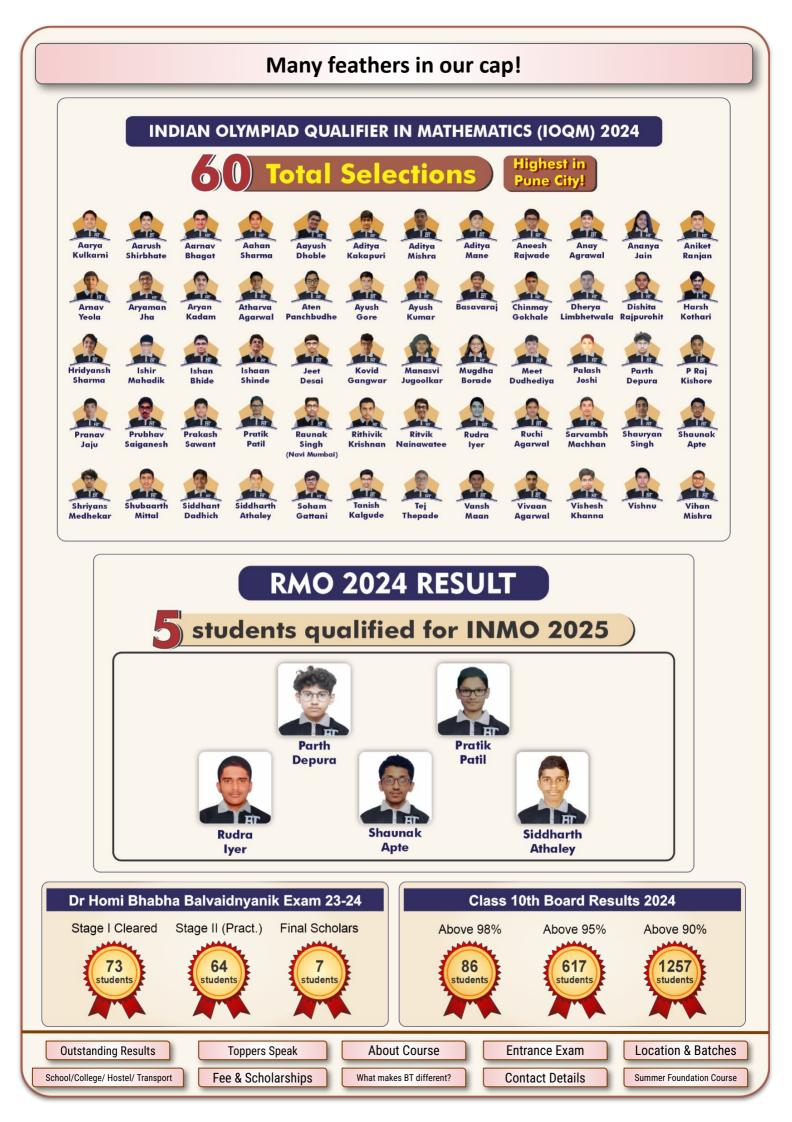


### Proven Success Record!

# Double Hat-trick of Pune Rank 1 in JEE Advanced and JEE Main







## Many feathers in our cap!



| Outstanding Results               | Toppers Speak      | About Course             | Entrance Exam   | Location & Batches       |
|-----------------------------------|--------------------|--------------------------|-----------------|--------------------------|
| School/College/ Hostel/ Transport | Fee & Scholarships | What makes BT different? | Contact Details | Summer Foundation Course |
|                                   |                    |                          |                 |                          |

# Various exam details

#### Few popular Engineering entrance exams

| Exam<br>name | Syllabus  | Difficulty<br>level | Affiliated colleges   |
|--------------|---|---------------------|---|
| JEE Advanced | Similar to PCM<br>of 11th & 12th<br>std. (All Boards) | Difficult           | Various IITs (Indian Institute of<br>Technology)<br>IIST (Indian Institute of Space Science &<br>Technology)<br>IISc. (Indian Institute of Science)   |
| JEE Main     | Similar to PCM<br>of 11th & 12th<br>std. (All Boards) | Moderate            | Various NITs (National Institute of Technology)<br>IIITs (Indian Institute of Information Technology)<br>GFTIs (Govt Funded Technical Institutes)<br>Few prominent private colleges & 15% in most<br>Maharashtra engg. colleges |
| BITSAT       | Similar to PCM<br>of 11th & 12th<br>std (All boards)  | Moderate/<br>Easy   | Various BITS (Birla Institute of<br>Technology & Science) located at Pilani, Goa &<br>Hyderabad   |
| MHT-CET      | PCM of 11th &<br>12th std. (HSC<br>Board)             | Easy                | COE Pune, VJTI Mumbai, PICT<br>Pune & other Engg. colleges of<br>Maharashtra  |

• A few other institutes like VIT, SRM, Manipal, etc. conduct their own exam.

All of the exams are conducted after the 12th grade board exams.
 If you study PCM properly, you are prepared for all competitive exams.

#### Students who are currently in 10th standard have 2 options:

**Option 1:** Students who've done any Foundation course at BT can directly join the 2-year Comprehensive Course.

**Option 2:** Students who've not done any Foundation course at BT can first join a 21-day Summer Foundation course & then proceed to join the 2-year Comprehensive Course.

Details about the Summer Foundation course can be found here: <u>https://www.bakliwaltutorialsiit.com/course\_details/50</u>



#### **Course details**

To succeed in prominent engineering entrance exams, one requires a **thorough understanding** of subjects: Physics, Chemistry, and Mathematics, and the ability to solve unseen and new questions with accuracy and speed. Comprehensive course is designed in such a way that a sincere student is bound to cultivate self-confidence and acquire a grip and easy feel for all engineering entrance exams.

At BT, we have mastered a 4-week format. In each 4 week cycle, we conduct (at least):

- **22 lectures**, each of 3 hours duration (followed by 20-minutes doubt session)
- 7 tutorial sessions of 2 hours duration to revise old and tough concepts
- 1 three hours test called BTest (with common ranking across batches) with detailed analysis
- 1 three hours Practice Test before the BTest
- 2 three hours varied difficulty level Practice Tests after the BTest
- 4 small weekly tests along with numerous ad-hoc tests during the course

This structure ensures effective and timely completion of the syllabus. This is further followed by 3 rounds of rigorous revisions till JEE Advanced. With **2500+ hrs of Class Room/Online teaching**, **more than 100 tests** and many more hours of doubt sessions, this two year course for 10th passed students is truly comprehensive.

#### **Course formats**

The 2 years Comprehensive course is offered in 2 formats:

- 1. Comprehensive Offline (completely offline)
- 2. Comprehensive Online (completely online)

The contact hours and all other services provided are the same across both the formats.

# If students wish, they will be allowed to shift from one format to another at any time during the course, based on seat availability.

#### **Course material & Online testing platform**

BT provides all students with its detailed course material in booklet form & an online testing platform. The course material comprises 18 booklets with detailed theory & practice questions. Solutions to all questions are provided separately. Through regular online and offline JEE-like tests, we provide a detailed & personalized analysis of the student's performance like time spent to solve each question, subject-wise comparison with toppers, topic-wise strengths & weaknesses, etc., giving vital inputs for improvement in the examination technique. Students opting for completely offline format will be requested to collect the study material from their nearest BT center in Pune. Students opting for a completely online format will get the study material via courier & will be expected to bear the courier charges.



#### **Doubt clearing platforms**

Apart from doubts discussed during the lecture, there will be various ways through which students can get their doubts cleared. Following are the platforms which students can use for the same:

#### 1. 20 mins reserved for doubts after each lecture:

In addition to the doubts discussed during the lecture, each 3 hour lecture will be followed by a 20 mins doubt session. In these 20 mins, teachers will be available for doubt discussion (both in online and offline lecture). Students can make use of this extra time to interact with teachers personally and get their doubts solved.

#### 2. Availability of teachers for doubts at centers for entire day:

At all centers, teachers dedicated for doubts are available throughout the day where students can discuss their doubts personally with them on a one-to-one basis.

#### 3. Online doubt sessions:

In addition to the regular weekly lectures, we shall also conduct online doubt sessions daily where students can interact with the teacher and get his/her doubts cleared.

#### 4. Doubt Forum:

Bakliwal Tutorials has an interactive doubt forum with exciting features where students can post their doubts and also solve the doubts of other students. Teachers also provide detailed video solutions of the doubts in the forum. The questions are easily searchable and are systematically available for reference and learning. Despite being a closed forum, meant exclusively for BT students, BT's doubt forum is amongst the top results in Google search.

#### 5. Telegram Group:

Official Telegram groups (similar to WhatsApp groups) are created batch-wise with the sole purpose of doubts discussion. Students can post their doubts in that group and fellow batch mates along with teachers will participate to solve the same. This helps students to get instant solutions to most of their doubts at almost any time of the day.

| Outstanding Results<br>School/College/ Hostel/ Transport | Toppers Speak<br>Fee & Scholarships | About Course What makes BT different? | Entrance Exam<br>Contact Details | Location & Batches Summer Foundation Course |
|--|-------------------------------------|---------------------------------------|----------------------------------|---|

#### **Types of Batches**

Getting the best students together is one of the attributes that is common across all the top rank producing institutes in the country. The concept of '**merit wise batches'** allows students to study with their peers of relatively similar preparedness. This maximizes the personal growth of students. Even the teachers are able to plan their lectures well. This also creates a spirit of positive & healthy competition among the students.

With this philosophy, we have 4 types of merit-wise batches at the start of comprehensive course. Based on the students' performance in the entrance exam, they are allocated one of the following batches below, which are ordered as per merit.

- 1. Wizards Batch
- 2. Champions of Champions (COC) Batch
- 3. Champions Batch
- 4. Challengers Batch

Students who do not perform even up to a bare minimum level will not be offered admission.

To begin with, students will be allocated these batches as per their performance in the entrance exam. They will attend those batches for the first 4 weeks during the orientation program.

#### **Batch Reallocation**

Based on the performance in the Mid-Orientation Test and BTest 1 conducted during the orientation, batches will be reallocated to the students, as per their merit and their order of preferences that they will submit at that time.

A new category of batch, Wizards of Wizards (WOW) will be floated after the 1st BTest (at the end of the orientation program). WOW batches will be held at the Aundh Center in the afternoon from 3:30 pm to 6:50 pm and the Lloyds Center at noon from 11:10 am to 2:30 pm. A few top students, on the basis of merit, will be offered the WOW batches.

After BTest 1, the batch reallocation will happen after every 3 BTests based on the combined performance in those 3 BTests. Thus, the batch reallocation will happen after BTests 1, 4, 7 and 10 respectively. Batch reallocation stops after the 11th standard once a final batch is allotted to every student as per his/ her merit at the beginning of 12th standard.



### **Course Plan**

The Comprehensive course will begin with an Online Orientation Program. The orientation program will be conducted from **28th April**, **2025 to 25th May**, **2025**.

6 lectures per week are conducted during this period.

Students have an option to attend this course in any 1 time slots among the following:

- Morning (7.00 am to 10.20 am)
- Noon (11.10 am to 2.30 pm)
- Afternoon (3.30 pm to 6.50 pm)

Students can choose their preferred slot at the time of admission.

During those 4 weeks, we conduct 2 tests:

1. Mid Orientation Test (MOT) - after first 2 weeks on 11th May.

2. **BTest 1** - after first 4 weeks on 25th May.

#### The Orientation Program is conducted in Online format only.

From **June 2025**, **regular course would begin** with at least 22 lectures per 4 weeks in all batches in their respective formats (online or offline).

7 Tutorial Sessions, 4 Weekly Tests and 1 BTest and 1 Online Practice Test (Last Year's BTest) per 4-week cycle will also commence from June 2025.

A few months after the course begins, we conduct 2 extra online practice BTests. One of them is extremely easy with direct formula based questions while the other one is quite challenging with questions requiring absolute conceptual clarity and intense thinking.

Till the end of October 2026, the students will be thoroughly taught all the topics from the JEE syllabus (for details, see the table on the next page).

**From November 2026, exhaustive revision rounds will be conducted.** We will revise and re-revise the syllabus through lectures, systematically designed sheets and tests till the JEE Advanced exam (conducted in the last week of May 2027).

**Special batches for MHT-CET, BITSAT and Boards** will also be floated after October 2026. Students who wish to attend these batches are allowed to attend these batches along with their regular batch.



### **Tentative Course Plan: Month by month**

| Month                              | Physics  | Mathematics   | Chemistry  |
|------------------------------------|--|---|--|
| Orientation<br>Program<br>(May-25) | Introduction to Forces, Introduction<br>to Vectors, Vectors Complete(except<br>cross product), Newton's Laws of<br>Motion Complete(Except Pseudo<br>Forces and not Requiring Calculus) | Number Systems \& Set Theory<br>(Without Relations),<br>Arithmetic Progression  | Stoichiometry, Atomic Structure  |
| Jun-25                             | Kinematics, kinematical equations,<br>Friction (static and kinetic)  | G.P, H.P, A.G.P, General<br>Series, AM-GM Inequality  | Atomic Structure (continued), Periodic Table   |
| Jul-25                             | Derivatives, Integration, Area under the<br>curve, NLM & Kinematics Problems   | Quadratic equations, theory<br>of equations, modulus  | Periodic Table (continued), Chemical Bondir  |
| Aug-25                             | Constrained motion,<br>2D Kinematics, Projectile Motion,<br>Circular Motion  | Trigonometric Identities  | Chemical Bonding (continued), Redox  |
| Sep-25                             | Circular Motion contd.,<br>Work Power Energy   | Trigonometric Equations,<br>Logarithms, Determinants  | Redox (continued), Gaseous State   |
| Oct-25                             | COM and Momentum   | Straight Lines and<br>Pair of Lines   | Thermodynamics, s-block  |
| Nov-25                             | Rotation (except Rotation with<br>Translation and collisions)  | Circles (Except Family of Circles)  | Chemical Equilibrium, IUPAC, 13 family   |
| Dec-25                             | Rotation contd., Hydrostatics,<br>Hydrodynamics, Viscosity   | Family of Circles, P ' n ' C,<br>Binomial Theorem   | Ionic Equilibrium, IUPAC (continued),<br>Isomerism   |
| Jan-26                             | Surface Tension, Elasticity, Linear<br>SHM+energy method, Angular SHM  | Binomial Theorem contd., Complex<br>Numbers (except Geometry)   | Ionic Equilibrium (continued), GOC, Noble<br>gases, POC - 1  |
| Feb-26                             | Superposition, Waves on a string, Sound<br>Waves (except Doppler Effect)   | Complex Numbers (Geometry),<br>Matrices   | Chemical Kinetics, GOC (continued), 14<br>family   |
| Mar-26                             | Doppler Effect, Ray optics + wave<br>optics (diffraction + polarization),<br>Optical instruments, Heat and<br>Temperature, Calorimetry, KTG  | Functions (excluding Relations<br>and including Inverse Trigo<br>Functions), Limits                                     | Chemical Kinetics (continued), Nuclear<br>Chemistry, Solutions, GOC (continued),<br>Reaction Mechanisms, 15 family   |
| Apr-26                             | Ray optics + wave optics (diffraction + polarization), Optical instruments   | Continuity and Differentiability, Method<br>of Differentiation, Application of<br>Derivatives (Tangent and Normal only) | Solutions (continued), Electrochemistry,<br>Reaction Mechanisms (continued), 15 fami<br>(continued)                  |
| May-26                             | Thermodynamics, Heat Transfer,<br>Electrostatics   | Application of Derivatives contd.,<br>Indefinite Integration (Only basic<br>formulae and substitution)                  | Electrochemistry (continued), d-block,<br>Reaction Mechanisms (continued), OMC,<br>Aliphatic Hydrocarbons, 16 family |
| Jun-26                             | Heat Transfer, Electrostatics<br>except Dipole   | Indefinite Integration and<br>Definite Integration  | Coordination Chemistry, Aliphatic<br>Hydrocarbons (continued), 17 family   |
| Jul-26                             | Dipole, Gauss Law, Conductors,<br>Current Electricity  | Area under the curve, Differential Equations, Vectors and 3D (till dot product)   | Coordination Chemistry (continued),<br>Qualitative Analysis, Aromatic Hydrocarbor<br>Alkyl Halides, Metallurgy       |
| Aug-26                             | Current Electricity contd. Capacitors,<br>Magnetic<br>Field, Magnetic Properties of Materials  | Vectors and 3D contd., Probability<br>(Classical Probability and<br>Probability of Compound Events)                     | Qualitative Analysis, Solid State,<br>Oxidation-Reduction, APE   |
| Sep-26                             | Magnetic Field contd., Magnetic<br>Force, EMI, EM Waves, Gravitation   | Probability continued (without probability distribution), Parabola  | Solid State (continued), Aldehydes and<br>Ketones, Polymers, Chemistry in Everyda<br>Life                            |
| Oct-26                             | AC, Photoelectric effect, Bohr Model,<br>Nuclear Physics, X- Rays, Semiconductors,<br>Damping, Error Analysis  | Ellipse, Hyperbola, Mains topics<br>(including, probability<br>distribution, reasoning, etc.)                           | Surface Chemistry, f-block, Acid Derivative<br>Nitrogen Compounds, Environmental<br>Chemistry                        |

**Note**: From end October 2026, systematic revision will be done along with the test series. Special batches for MHT-CET/BITSAT/Boards will also be floated then.

 Outstanding Results
 Toppers Speak
 About Course
 Entrance Exam
 Location & Batches

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# Post syllabus completion tentative course plan: For JEE (Main + Advanced) Revision

| Period  | Plan  |  |  |  |  |
|---|---|--|--|--|--|
| Start of Nov 2026<br>To mid Jan 2027                        | <b>Round I</b> : An exhaustive, topic wise JEE revision is scheduled with parallel tracks per subject.                    |  |  |  |  |
| -   | sion I takes place between the 3rd and 4th week of January. Therefore,<br>Round I depends on the JEE Main Session I slot. |  |  |  |  |
| Period  | Plan  |  |  |  |  |
| 1st week of Feb 2027<br>Till last week of March 2027        | <b>Round II</b> : An exhaustive, topic wise JEE revision is scheduled with 2 parallel tracks per subject.                 |  |  |  |  |
| •   | sion II takes place between the 1st and 2nd week of April. Therefore, the und II depends on the JEE Main Session II slot. |  |  |  |  |
| Period  | Plan  |  |  |  |  |
| Mid April 2027<br>Till 1 week prior to JEE<br>Advanced 2027 | <b>Round III</b> : Rigorous topic wise JEE Advanced revision is scheduled with 2 parallel tracks per subject.             |  |  |  |  |
|   | takes place on the 3rd or 4th Sunday of May. Therefore, the exact depends on the JEE Advanced date.                       |  |  |  |  |
| Post svilabus cor   | npletion tentative course plan: For MHT-CET Revision  |  |  |  |  |
|   | the regular JEE revision batches. Students can attend both the revision   |  |  |  |  |

| Period                    | Physics  | Mathematics  | Chemistry   |
|---------------------------|--|--|---|
| Week 1<br>(November 2026) | L1: Motion in a plane<br>Eqn of motion,Relative motion,<br>Projectile motion, Circular motion<br>L2: Laws of motion<br>FBD, Equilibrium, pulleys, inclined<br>planes, pseudo forces, friction  | L1: Trigonometry<br>Principle & general solution,sine,<br>cosine, and projection rules.<br>L2: Trigonometry(Contd.)<br>Identities,Sub multiple angles,<br>sum/difference, ratios of angles.  | L1: Liquid Solutions<br>Raoult's Law, Ideal and Non-Ideal<br>Solutions, Colligative Properties, Van't<br>Hoff Factor.<br>L2: Electrochemistry<br>Electrolytic / Galvanic Cells, Nernst<br>Eqn, Conductance, Electrolysis,<br>Batteries and Fuel Cells, Corrosion.     |
| Week 2<br>(November 2026) | L3: Rotational Dynamics<br>COM ,Moment of Inertia, Parallel<br>and perpendicular axes<br>theorems,Torque, angular<br>momentum.<br>L4: Mechanical Properties of Fluid<br>Pressure, Pascal's law, Viscosity,<br>terminal velocity, Bernoulli's eqn,<br>Surface tension, angle of contact,<br>excess pressure capillary rise. | L3: Limits, Continuity and<br>Differentiability<br>limit of a function, continuity and<br>differentiability of a function at a<br>point and in an interval.<br>L4: Differentiation<br>chain rule of derivatives,<br>Derivatives of the logarithm,<br>implicit, inverse & parametric Fun. | L3: Chemical Kinetics<br>Rate of Reaction, Factor ,Rate Law,<br>Order of Reaction, Integrated Rate<br>Equation<br>L4: Haloalkanes and Haloarenes<br>Nature of C-X Bond<br>- Preparation and Properties - Reaction<br>Mechanisms (SN1, SN2, Elimination<br>Reactions). |
| Outstanding Resu          |  |  | ct Details  |

| Period  | Physics  | Mathematics   | Chemistry  |
|---|--|---|--|
| Week 3<br>(November<br>2026)  | L5: Oscillations<br>SHMs equations of x,v and a, energy<br>in SHM, spring-mass system,<br>Time-periods, Superposition of SHMs<br>L6: Wave Motion<br>Longitudinal and transverse waves,<br>Displacement relation, Superposition<br>of waves, Standing Waves, Harmonics.       | L5: Indefinite Integration & AOD<br>Derivative-integral relation,<br>substitution, integration by parts,<br>partial fraction.<br>L6: Definite integration<br>Integral as a limit of sum, Properties<br>and problem-solving, Area under the<br>curve.                              | L5: Alcohol, Phenol & Ether<br>Nomenclature - Preparation and<br>properties of Alcohols, Phenols and<br>Ethers<br>L6: Aldehydes, Ketones &<br>Carboxylic Acids<br>Nomenclature and Structure of<br>Carbonyl Compounds - Preparation of<br>Aldehydes and Ketones        |
| Week 4<br>(November<br>2026)  | L7: Sound Waves<br>pressure & displacement equations,<br>beats, Doppler effect, sound quality.<br>L8: Gravitation<br>variation of g, GPE, escape velocity,<br>Kepler's laws, satellite motion, orbital<br>energy   | <ul> <li>L7: Differential Equations</li> <li>1st order and 1st degree differential equation, population, growth and decay.</li> <li>L8: Determinants</li> <li>value of a determinant, reduce simple form, 2 or 3 Variables , find area of triangle using determinants.</li> </ul> | <b>L7: Amines</b><br>Preparation of Amines - Properties and<br>Reactions - Diazonium Salts<br><b>L8:Coordination Compounds</b><br>Werner's Theory and Nomenclature of<br>Coordination Compounds -<br>Isomerism-Bonding: VBT and CFT                                    |
| Week 5<br>(December<br>2026)  | <b>L9: Thermal expansion</b><br>Linear, arial, volumetric, specific heat<br>capacity, calorimetry; change of state,<br>latent heat<br><b>L10: Thermodynamics</b><br>Zeroth, 1st and 2nd Laws, isochoric,<br>isobaric, isothermal, adiabatic process                          | <b>L9: Linear Programming</b><br>Meaning and formulation of L.P.P.,<br>solution of L.P.P. by graphical methods.<br><b>L10: Mathematical Logic</b><br>Truth table, Logical equivalence of<br>statements, logic to switching circuits   | L9: The d- and f-Block Elements<br>Properties and trends in the transition<br>elements Lanthanides and actinides<br>L10: Biomolecules<br>Carbohydrates, Nucleic acids: DNA,<br>RNA, Enzymes, Hormones, vitamins  |
| Week 6<br>(December<br>2026)  | <b>L11: Kinetic theory of gases</b> -<br>Assumptions, RMS speed, Degrees of<br>freedom. Law of equipartition, Mean<br>free path.<br><b>L12: Heat transfer</b><br>Thermal Resistance, Series-Parallel<br>Slabs, Blackbody Radiation, Stefan's<br>Law, Newton's law of cooling | L11: Complex Numbers<br>Properties and Identities, Conjugates,<br>modulus, algebraic expressions<br>involving complex numbers.<br>L12: Sequence n Series<br>AP, GP and HP, General term, sum of<br>the first n terms, special series  | L11: Polymers<br>Types of polymers (addition,<br>condensation, copolymers),<br>Biodegradable polymers<br>L12: Practice Session<br>Practice session, Numericals,<br>Concepts and PYQs   |
| Week 7<br>(December<br>2026)  | L13: Electrostatics<br>Coulomb's law, electric field results,<br>Potential results, E vs V.<br>L14: Electrostatics (Contd.)<br>Gauss's law and its applications,<br>dipoles in electric fields, Torque,<br>Conductors  | L13: Sets & Relations<br>Operations, construction on sets,<br>applications of set theory, types of<br>relations equivalence relations.<br>L14: Functions<br>Domains & Range, types of functions,<br>algebraic operations on functions.  | L13: Basic concepts of Chemistry<br>Mole concept and molar mass,<br>Stoichiometric calculation, Empirical<br>and molecular formula Limiting reagent<br>L14: Structure of Atom<br>Atomic models (Thomson, Rutherford,<br>Bohr), Electronic configuration of<br>elements |
| Week 8<br>(December<br>2026)L15: Current Electricity<br>Drift velocity,current density,<br>Conductors, insulators,<br>semiconductors, Resistance, Ohm's<br>law.<br>L16: Current Electricity(Cont)<br>Carbon resistors, colour code,<br>Kirchhoff's laws, Wheatstone bridge,<br>metre bridge, Potentiometer. |  | L15: Method of Induction<br>Method of induction and apply it to<br>verify mathematical statements.<br>L16: Binomial Theorem<br>General Term, binomial expression for<br>negative index or fractional power  | L15: Classification of Elements and<br>Periodicity<br>Ionization enthalpy, atomic radii,<br>electronegativity<br>L16: Chemical Bonding and<br>Molecular Structure<br>VBT, MOT, VSEPR theory, Shapes of<br>molecule, Bond parameters, Hydrogen<br>bonding               |
| Outstandin<br>School/College/ H   |  |   | ce Exam Location & Batches Ct Details Summer Foundation Course   |

| Period  | Physics   | Mathematics   | Chemistry   |  |  |
|---|---|---|---|--|--|
| Week 9<br>(January<br>2027)   | L17: Magnetic Effects of Current<br>Biot - Savart law, Ampere's law, Solenoid.<br>Force on a moving charge, Torque Moving<br>coil galvanometer<br>L18: Magnetism<br>magnetic dipole (bar magnet) along axial<br>& equatorial axis, Para-, dia- and<br>ferromagnetic substances) | L17: Straight Line<br>Locus, straight line in different<br>forms & angle between them,<br>distance of a point<br>L18: Circle<br>Equation of circle, properties of<br>circle, equation of tangent  | L17: States of Matter<br>Ideal gas laws, Real gases, Various<br>Gas laws<br>L18: States of Matter (Cont)<br>Practice session, Numericals and<br>PYQs  |  |  |
| Week 10<br>(January<br>2027)  | L19: EMI<br>Faraday's law, induced emf and current;<br>Lenz's Law, Eddy currents, Self and<br>mutual inductance.<br>L20: Alternating Current<br>Peak and rms value, Reactance,<br>impedance; LC oscillations, LCR series<br>circuit, Power, wattless current                    | L19: Conic Sections<br>Eqn of conic sections, properties of<br>conics, eqn of tangent<br>L20: Permutations &<br>Combinations<br>Arrangements and selections,<br>Factorials, nCr, nPr,   | L19: Thermodynamics<br>1st law, Enthalpy changes (fusion,<br>vaporization, sublimation), Hess's law,<br>Gibbs free energy, Entropy<br>L20: Redox Reactions<br>Oxidation and reduction, ion-electron<br>method, Balancing and applications |  |  |
| Week 11<br>(January<br>2027)  | L21: Ray Optics<br>Reflection, Plane/spherical mirrors, mirror<br>formula, velocity of image<br>L22: Ray Optics (Cont)<br>Refraction,Snell's law, lens formula,<br>velocity of image, TIR, spherical surface,<br>Lens maker formula   | L21: Probability Distribution<br>Probability density function, random<br>variable, distribution function of<br>c.r.v.<br>L22: Binomial Distribution<br>Mean, variance, expected value<br>and standard deviation for the<br>binomial distribution                  | <b>L21: Solid States</b><br>Types of solids, unit cell, packing,<br>Bonds, Point Defects<br><b>L22: Surface Chemistry</b><br>Adsorption and its applications,<br>Colloids   |  |  |
|   |   | January Session Schedule<br>es place between the 3rd and 4th w  | veek of January)  |  |  |
| Week 14<br>(February<br>2027)   | L23: Optical Instruments<br>Human eye, image, Power of<br>Accommodation, myopia and<br>hypermetropia<br>L24: Wave Optics<br>Wavefronts, YDSE, interference,<br>diffraction, polarized light, Brewster's law   | L23: Vectors<br>Scalars, vectors, 2D/3D vectors,<br>scalar triple product<br>L24: 3D Geometry<br>Line equations, plane equations,<br>angles (line-plane, plane-plane),<br>point-plane distance  | L23: Organic Chemistry<br>Nature of the carbon bond, catenation,<br>Nomenclature, structural formula<br>L24: Organic Chemistry (Cont)<br>Isomerism (structural and<br>stereoisomerism), Electrophilic,<br>nucleophilic mechanism          |  |  |
|   |   | rashtra 12th / CBSE 12th / ISC 12th   |   |  |  |
| Week 22<br>(April 2027)   | L25: Dual Nature of Radiation and<br>Matter<br>Photoelectric effect, De Broglie<br>hypothesis, Davisson-Germer experiment<br>L26: Atoms and Nuclei<br>Bohr's model, atomic spectra,<br>radioactivity, mass-energy relation,<br>binding energy, BE/A                             | d February 2027 to end March 2027<br>L25: Matrices<br>operations on matrices, Inverse of<br>matrix, elementary transformation,<br>adjoint method<br>L26: Measures Of Dispersion<br>Range, standard deviation and<br>variance from given data.                     | )<br>L25: Hydrocarbons<br>Alkanes: Preparation, properties, and<br>reactions<br>L26: Practice Session<br>Organic Chemistry Numericals and<br>PYQs   |  |  |
|   |   | in April Session Schedule<br>akes place between the 1st and 2nd   | Week of April)  |  |  |
| Week 23<br>(April 2027)L27: Semiconductors<br>Semiconductors, PN junction, I-V<br>characteristics, logic gates<br>L28: Communication Systems<br>Communication systems: modulation,<br>transmitter, antenna, block diagram |   | L27: Equations/Inverse<br>Trigonometric Functions<br>Principal and general solution,<br>inverse trigonometric functions<br>L28: Pair of Straight Lines<br>combined equation, point of<br>intersection, acute angle, general<br>second degree equation in x and y. | L27: Hydrocarbons<br>Alkenes and alkynes: Reactions and<br>mechanisms, Aromatic hydrocarbons,<br>PYQs.<br>L28: Practice Session<br>Organic Chemistry Numericals and<br>PYQs   |  |  |
|   | MHT-CET 2025<br>(Usually, MHT-CET takes place between the 2nd and 4th week of April)  |   |   |  |  |
| Outstandin  | g Results Toppers Speak   | About Course Entran   | ce Exam Location & Batches  |  |  |
| School/College/ H   |   |   | t Details Summer Foundation Course  |  |  |
|   |   |   |   |  |  |

# **Selection process for the Comprehensive course**

Selection for the Comprehensive course will be based on the performance in the entrance exam.

### Online Entrance Program Date - 8th February 2025 (Saturday)

#### 2.45 pm - Reporting Time (Log into the Zoom Meeting)

#### 3:00 to 6:00 pm - Online Lecture by Vaibhav Sir

(The topic of the lecture is not pre-disclosed. Students are expected to come with an open mind. Students would be given a small break between the lecture)

#### 6:15 to 7:45 pm - Online Test (based on lecture by Vaibhav Sir)

#### 8:00 to 11:00 pm - Online Interaction of Parents and Students with Vaibhav Sir

- 1. One of our staff members will call you after you register and can be your one point contact for all your queries. A few days before this entrance exam, you will also receive an email about the details of the same from us.
- 2. You will receive a practice test link 2 days before the examination, containing 4 questions. Student should take that test to get used to writing a test on the google form and report the difficulty faced if any. Note that the difficulty level in the practice test is not representative of the actual entrance test.
- 3. The actual entrance exam will be conducted on the above date as per the above schedule. A stable internet connection is essential for smooth conduction of the test.
- 4. Result (which includes the type of batch allocated to you and the scholarship won, if any) of the test will be communicated within 3 to 4 days via email.
- 5. In that email, we shall invite qualified students and parents to attend an online session on a specified date and time for Entrance exam review, to know operation details of the course and to attend further queries, if any.
- 6. For the admission process, duly filled enrollment form has to be submitted online and first part of first installment amount (Rs. 60,000/-) has to be paid within 7 days of result declaration.
- 7. Students who do not enroll within a week from the day of result declaration will not be entitled for any scholarship.
- 8. The fee for this entrance exam is Rs. 500 only (non-refundable), which should be paid while registering for the exam. Registration can be done at any of our offices or it can be done online through our website.

# Special lectures for 10th board exam preparation would be scheduled from November onwards (without any extra fee). Details of the same would be shared with the enrolled students.

#### **ONLINE PAYMENT FOR REGISTRATION**

For registering online for the entrance exam:

- You can visit https://www.bakliwaltutorialsiit.com/entrance\_registration/
- Fill the registration form
- Select the course 'Comprehensive 2027 JEE (for students currently in 10th standard)'
- Pay & register
- Then select the suitable mode of payment from the given options and pay Rs.500/- (Non-refundable)

| Outstanding Results               | Toppers Speak      | About Course             | Entrance Exam   | Location & Batches       |
|-----------------------------------|--------------------|--------------------------|-----------------|--------------------------|
| School/College/ Hostel/ Transport | Fee & Scholarships | What makes BT different? | Contact Details | Summer Foundation Course |

### **Completely Offline batches**

| Centers   | Wizards                            | сос                                   | Champions                             |
|---|------------------------------------|---------------------------------------|---------------------------------------|
|   |                                    | <b>Morning</b><br>7:00 am to 10:20 am | <b>Morning</b><br>7:00 am to 10:20 am |
| Aundh   | <b>Noon</b><br>11:10 am to 2:30 pm | <b>Noon</b><br>11:10 am to 2:30 pm    | <b>Noon</b><br>11:10 am to 2:30 pm    |
|   | Afternoon<br>3:30 pm to 6:50 pm    | Afternoon<br>3:30 pm to 6:50 pm       | Afternoon<br>3:30 pm to 6:50 pm       |
| РСМС  | Morning<br>7:00 am to 10:20 am     | <b>Morning</b><br>7:00 am to 10:20 am | <b>Morning</b><br>7:00 am to 10:20 am |
|   | Morning<br>7:00 am to 10:20 am     | <b>Morning</b><br>7:00 am to 10:20 am | <b>Morning</b><br>7:00 am to 10:20 am |
| Pimple<br>Saudagar  | <b>Noon</b><br>11:10 am to 2:30 pm | <b>Noon</b><br>11:10 am to 2:30 pm    | <b>Noon</b><br>11:10 am to 2:30 pm    |
|   |                                    | Afternoon<br>3:30 pm to 6:50 pm       | Afternoon<br>3:30 pm to 6:50 pm       |
|   | Morning<br>7:00 am to 10:20 am     | <b>Morning</b><br>7:00 am to 10:20 am | <b>Morning</b><br>7:00 am to 10:20 am |
| FC Road   |                                    | <b>Noon</b><br>11:10 am to 2:30 pm    | <b>Noon</b><br>11:10 am to 2:30 pm    |
|   | Afternoon<br>3:30 pm to 6:50 pm    | Afternoon<br>3:30 pm to 6:50 pm       | Afternoon<br>3:30 pm to 6:50 pm       |
| Katual  |                                    | <b>Morning</b><br>7:00 am to 10:20 am | <b>Morning</b><br>7:00 am to 10:20 am |
| Katraj  | Afternoon<br>3:30 pm to 6:50 pm    | Afternoon<br>3:30 pm to 6:50 pm       | Afternoon<br>3:30 pm to 6:50 pm       |
|   |                                    | <b>Morning</b><br>7:00 am to 10:20 am | <b>Morning</b><br>7:00 am to 10:20 am |
| Kothrud   | <b>Noon</b><br>11:10 am to 2:30 pm | <b>Noon</b><br>11:10 am to 2:30 pm    | <b>Noon</b><br>11:10 am to 2:30 pm    |
|   | Afternoon<br>3:30 pm to 6:50 pm    |                                       |                                       |
|   |                                    |                                       |                                       |
| Outstanding Results   | Toppers Speak                      | About Course Entrance                 |                                       |
| chool/College/ Hostel/ Transport Fee & Scholarships What makes BT different? Contact Details Summer Foundation Course |                                    |                                       |                                       |

### **Completely Offline batches (continued..)**

| Centers↓    | Wizards             | COC                                   | Champions                              |
|-------------|---------------------|---------------------------------------|--|
|             |                     | <b>Morning</b><br>7:00 am to 10:20 am | <b>Morning</b><br>7:00 am to 10:20 am  |
| Camp        | <b>Noon</b>         | <b>Noon</b>                           | <b>Noon</b>                            |
| (Lloyds)    | 11:10 am to 2:30 pm | 11:10 am to 2:30 pm                   | 11:10 am to 2:30 pm                    |
|             | Afternoon           | Afternoon                             | Afternoon                              |
|             | 3:30 pm to 6:50 pm  | 3:30 pm to 6:50 pm                    | 3:30 pm to 6:50 pm                     |
|             | Morning             | <b>Morning</b>                        | <b>Morning</b>                         |
|             | 7:00 am to 10:20 am | 7:00 am to 10:20 am                   | 7:00 am to 10:20 am                    |
| Hadapsar/   |                     | <b>Noon</b>                           | <b>Noon</b>                            |
| Wanowrie    |                     | 11:10 am to 2:30 pm                   | 11:10 am to 2:30 pm                    |
|             | Afternoon           | Afternoon                             | Afternoon                              |
|             | 3:30 pm to 6:50 pm  | 3:30 pm to 6:50 pm                    | 3:30 pm to 6:50 pm                     |
| Vimon Nogor | Morning             | <b>Morning</b>                        | <b>Morning</b>                         |
|             | 7:00 am to 10:20 am | 7:00 am to 10:20 am                   | 7:00 am to 10:20 am                    |
| Viman Nagar |                     | Afternoon<br>3:30 pm to 6:50 pm       | <b>Afternoon</b><br>3:30 pm to 6:50 pm |

#### Tutorial timings:

For all morning batches3:00 pm to 5:00 pmFor all noon batches6:00 pm to 8:00 pmFor all afternoon batches12:30 pm to 2:30 pm on weekends only.

- The tutorials will be conducted in online mode only.
- Recordings of all tutorials will be shared with the students.
- The tutorials will begin after the completion of the orientation program.

### **Completely Online batches**

| N | /izards      | сос                | Champions          | Challengers        |
|---|--------------|--------------------|--------------------|--------------------|
|   | Evening      | Evening            | Evening            | Evening            |
|   | m to 8:50 pm | 5:30 pm to 8:50 pm | 5:30 pm to 8:50 pm | 5:30 pm to 8:50 pm |

- Tutorials for online batches will be conducted from 12:30 pm to 2:30 pm on weekends only.
- Recordings of all online lectures and tutorials will be shared with the students attending online batches.



#### **Offices & Class Rooms**

#### Timing 8:00 am to 8:00 pm - All 7 days

#### **Aundh**

3rd Floor, Shambhu Vihar Commercial Complex, Behind Bhavani Home Appliances, Between Medipoint Hospital and DAV School, Aundh, Pune 411027.

https://goo.gl/maps/W7BsftFtk3NgwAN4A

Call or Whatsapp: 7841953300, 8888876410 8799913606

#### Camp (Lloyds)

Block 2, Office No. 604/5/6/7/8, Lloyds Chambers, Near Dr. Babasaheb Ambedkar Sanskritik Bhavan, Maldhakka Chowk, Pune 411011.

https://goo.gl/maps/twVyUuLXsSXpA8gZA

| Call or Whatsapp: | 7841953300, 8888866189 |
|-------------------|------------------------|
|                   | 8799913607             |
| Landline:         | 020-66280915           |

#### FC Road

Gurukrupa Complex (6th Floor), Near Dnyaneshwar Paduka Chowk, Off FC Road, Modern College Road, Shivaji Nagar, Pune 411005.

https://goo.gl/maps/hGibeGgLoERevQso7

Call or Whatsapp: 8888866187, 8888866190

#### Hadapsar/Wanowrie

Unit No. 601-602, 6th floor , Amar Prestige, Krome Mall, Pune - Solapur Road, Bhaskar Colony, Swami Vivekanand Nagar, Lakshmi Nagar, Fatima Nagar, Pune 411 013.

https://goo.gl/maps/yNhmtrCazHSyzTAT7

Call or Whatsapp: 7888055563, 8799913604 8799913610

#### <u>Katraj</u>

4th floor, Hamy Capital, Near Bharti Hospital, Dhankawadi,Katraj, Pune 411043.

https://maps.app.goo.gl/XF87CVEKEPHZy2gu6

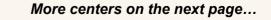
Call or Whatsapp: 8888872248, 7888055564

#### <u>Kothrud</u>

Walchand House, 1st Floor, Above PNG Jewellers, Happy Colony, Kothrud, Pune 411029.

https://goo.gl/maps/wj4JUe2eYupL3nXn6

Call or Whatsapp: 8380087493, 8799913603





#### **Offices & Class Rooms**

#### Timing 8:00 am to 8:00 pm - All 7 days

#### PCMC (Existing Campus)\*

2nd Floor, Mayur Trade Center, Phase II, Near Chinchwad Station, NH-4 Highway, Chinchwad, Pune 411019.

https://goo.gl/maps/Xiak5SW5YiUEZie29

Call or Whatsapp: 8888895145

\* New Center at PCMC coming up soon with a state of the art infrastructure in the vicinity of the existing center.

#### Viman Nagar (Existing Campus)

Office No. 110/111, 1st Floor, Nyati Millenium Premises, Near Datta Mandir Chowk & Apollo clinic, Viman Nagar, Pune 411014.

https://goo.gl/maps/d8N3GYQ8ekMigQwn7

Call or Whatsapp: 83789 87764

**Pimple Saudagar** 

5th Floor, Rainbow Plaza, Shivar Chowk, Pimple Saudagar, Pune 411 061.

https://maps.app.goo.gl/361mQ2E7rk2uRzgG7

Call or Whatsapp: 9226618734, 9226863214

#### Viman Nagar (New Campus)

'A' - Wing, 5th floor, Office No - 502 & 503, Nyati Empress, Off Viman Nagar Road, Next to Baker Gauges India Pvt. Ltd, Clover Park, Viman Nagar, Pune 411014.

New Viman Nagar Campus will be operational soon, as partition work is currently going on.

We also have our centers at Solapur and Navi Mumbai. To see the details of these centers, please visit <u>https://www.bakliwaltutorialsiit.com/bakliwal\_centers/</u>

### State of the Art Infrastructure in BT Classrooms



# Fee Schedule & BT Scholarships

| Instalments                           | Due Date                 | Amount (Rs.) |  |
|---------------------------------------|--------------------------|--------------|--|
| 1st instalment (part 1)               | At the time of admission | 60,000/-     |  |
| 1st instalment (part 2)               | 15th May, 2025           | 60,000/-     |  |
| 2nd instalment                        | 15th August, 2025        | 75,000/-     |  |
| 3rd instalment                        | 15th November, 2025      | 70,000/-     |  |
| 4th instalment                        | 15th February, 2026      | 70,000/-     |  |
| 5th instalment                        | 15th May, 2026           | 70,000/-     |  |
| Total Fee: Rs. 4,05,000/- for 2 years |                          |              |  |

#### Fee Schedule

- The above mentioned fee is for the entire 2 years course and is inclusive of all taxes.
- For meritorious students, we offer scholarships, details of which are given below.
- School/College fees needs to be paid to the school/college directly.
- Fee once paid is non-refundable.

#### **Scholarships**

#### Scholarships based on BT's Entrance exam performance

| Rs. 10,000<br>to Rs. 1,20,000 | For students with good to outstanding performance in BT's entrance examination. |
|-------------------------------|---|
|-------------------------------|---|

**Note:** This performance is evaluated after comparing performances of other students in previous entrances of similar difficulty level.

#### Scholarships based on performance in Government approved Olympiads

| Rs. 2,50,000                      | For students selected for the <b>Indian Team</b> for Mathematics, Physics, Chemistry,<br>Astronomy or Junior Science Olympiads conducted by Homi Bhabha Center for Science<br>Education |  |  |
|-----------------------------------|---|--|--|
| Rs. 1,50,000                      | For students who have cleared Stage 2 of Science Olympiads (INPhO, INChO, INAO or INJSO) or cleared Stage 3 of Mathematics Olympiad (INMO)  |  |  |
| Rs. 1,10,000                      | For students who have cleared Stage 1 of Olympiads (NSEP, NSEC, NSEA or NSEJS)  |  |  |
| Rs. 65,000                        | For students who have cleared Stage 1 of Informatics Olympiad   |  |  |
| Rs. 65,000                        | For students who have cleared <b>RMO</b> Stage 2 of Maths Olympiad.   |  |  |
| Rs. 55,000                        | For students who have cleared IOQM stage of Maths Olympiad  |  |  |
| Outstanding Results               | Toppers Speak About Course Entrance Exam Location & Batches   |  |  |
| School/College/ Hostel/ Transport | Fee & Scholarships         What makes BT different?         Contact Details         Summer Foundation Course  |  |  |

# Fee Schedule & BT Scholarships

Scholarships based on performance in Private exams

| Rs. 65,000 | For students who have secured a rank in top 50 in <b>Whizzkid*</b> (BT's own puzzle competition).  |
|------------|--|
| Rs. 65,000 | For top 100 AIR (All India Ranks) in Level 2 of <b>IMO</b> (International Mathematics Olympiad) conducted by SOF (Science Olympiad Foundation).  |
| Rs. 50,000 | For students with ranks from 101 to 500 AIR in Level 2 of <b>IMO</b> conducted by SOF.   |
| Rs. 65,000 | For students who have cleared the Mega Final Exam of Institute for Promotion of Mathematics ( <b>IPM</b> ) & secured Rank between 1 to 10.   |
| Rs. 50,000 | For students who have cleared the Mega Final Exam of <b>IPM</b> & secured Rank between 11 to 50.   |
| Rs. 65,000 | For top 100 AIR (All India Ranks) in level 1 of <b>IOM</b> (International Olympiad of Mathematics) or <b>IOS</b> (International Olympiad of Science) conducted by Silverzone foundation. |
| Rs. 50,000 | For students who have got state rank in <b>MTSE</b> (Maharashtra Talent Search) exam (conducted by Modern Education Society, Pune).  |
| Rs. 30,000 | For students who have got district rank in <b>MTSE</b> (Maharashtra Talent Search) exam (conducted by Modern Education Society, Pune).   |
| Rs. 30,000 | For students who have got National Rank till 50 in <b>NSTSE</b> (National Level Science Talent Search Examination) organized by Unified Council, India.                                  |
| Rs. 20,000 | For students who have got National Rank from 51 to 100 in <b>NSTSE</b> organized by Unified Council, India.  |

\* To know more about Whizzkid click here:- https://www.bakliwaltutorialsiit.com/events/45

#### Scholarships based on Dr. Homi Bhabha Balvaidnyanik exam conducted by MSTA/GBSTA

| Rs. 85,000  | For students getting Gold Medal in the exam.   |  |
|---|--|--|
| Rs. 75,000  | For students getting Silver Medal in the exam. |  |
| Rs. 65,000  | For students getting Bronze Medal in the exam. |  |
| Rs. 40,000 For students who have cleared Stage 1 of the exam. |  |  |



# Fee Schedule & BT Scholarships

| Scholarships based on 10th Boards exam (All Boards) |  |  |  |
|---|--|--|--|
| Rs. 55,000  | For students with more than (or equal to) 98% marks in 10th board exams            |  |  |
| Rs. 35,000  | For students with percentage marks from 95% to 98% (inclusive) in 10th board exams |  |  |
| Rs. 20,000  | For students with percentage marks from 90% to 95% (inclusive) in 10th board exams |  |  |

#### Scholarships based on performance in BTests (Tests after the course begins)

These scholarships are awarded based on the combined performance of the students in the first 6 BTests that will be conducted in this Comprehensive Course once the course begins.

| Rs. 85,000 | For students with a rank in top 20       |  |
|------------|--|--|
| Rs. 65,000 | For students with a rank from 21 to 50   |  |
| Rs. 55,000 | For students with a rank from 51 to 100  |  |
| Rs. 40,000 | For students with a rank from 101 to 150 |  |
| Rs. 30,000 | For students with a rank from 151 to 200 |  |

#### Note :

- All scholarships will be adjusted in the last instalment payment only. In case the scholarship amount is more than the last instalment amount, the excess amount will be adjusted against the second last instalment.
- No student can avail more than one scholarship. In case a student is qualifying for multiple criteria, which ever criteria has the higher amount will be awarded to the student.
- Except for the BT internal tests and entrance exam based scholarships, all the above scholarships are applicable for the achievements after April 2023 till the beginning of the course (April 2025).
- Students who do not enroll (within a week from the day of BT's entrance exam result declaration) would not be entitled for any scholarship.



# Assistance for School & College admission/Hostel & Transport facility

#### Assistance to choose School/College for 11th and 12th standard

There are some schools/colleges that have an understanding attitude towards students preparing for JEE. Taking admission in any of these colleges will enable you to devote maximum time for JEE preparation. We can share their names after the entrance exam.

### Assistance to choose a Hostel for outstation students

We have a **boys hostel exclusively for BT students** located at a 2 min walking distance from BT's Katraj Center. The details of this hostel are given below:

#### **Torrent Co-Living Boys Hostel**

Arihant Chambers, Plot no. 1, Chaitanya Nagar, Next to Bharati Hospital, Dhankawadi, Pune – 411043

https://maps.app.goo.gl/72E2a5wEgnbxbYWx5

Contact Mr. Sujit: 8888845635

#### Highlights of this Hostel:

- Single seater / 2-seater / 3-seater rooms available on first cum first basis
- BT lecture + Study room in the same hostel
- BT Katraj Center at 2 min walking distance
- 1 Set of PCM teachers shall stay with students in the hostel and monitor/ mentor them.
- Mess, Sports/recreational activities provided in the same hostel.
- Student's daily timetable shall be prepared and monitored by BT.

We also provide a **list of some good hostels in Pune for girls and boys near the BT centers.** Please note that BT is in no way associated (financially or otherwise) with any of these hostels. Senior BT students have stayed in these hostels and have given good feedback about them.

To see this list, visit: https://tinyurl.com/BTHostels

#### Assistance for Carpooling or deciding Van-vendors

Just before the offline lectures begin, once your batches at BT have been finalised, we'll get the location details of the students interested in carpooling or in joining the van service. We shall then divide these students in small groups such that students living in the vicinity of each other and who have been allocated the same batch at BT will be in the same group. We'll then share the details of students in the same group with each other so that can then coordinate with each other and decide to either carpool or join some van service.

We have a list of some van vendors who have been providing such service to our students from a few years. Please note that BT is in no way associated (financially or otherwise) with any of these vendors. Senior BT students have given good feedback about them and hence we are recommending them. All the related financial transactions need to be done directly with the transport service provider only.

For viewing the list of these responsible Van Vendors visit: https://tinyurl.com/vanvendors



### **Summer Foundation Course**

#### Course detail

We recommend the Summer Foundation Course to those **students who've not done any Foundation course at BT**. This course help students to start the preparation process early and the vacation time is also utilised fruitfully. It also helps students feel charged up and confident for their JEE preparation journey ahead.

This course is of 21 days (31 March 2025 to 20 April 2025) with daily 2 lectures of 2 hours 30 mins duration for 6 days in a week. Every Sunday, there shall be a test.

#### **Course material & Online testing platform**

BT shall provide its own course material, which is very detailed. It covers theory and questions of all the topics taught during this course. It shall also provide an online testing platform which will be used to conduct various practice tests and online BTests (Total 3 Tests). It shall provide a detailed & personalised analysis of the student's performance like time spent to solve each question, subject wise comparison with toppers, topic wise strength & weaknesses etc. giving vital inputs for improvement in the examination technique.

#### **Entrance process**

The students qualified for the 2 years Comprehensive course 2027 are automatically eligible to join the Summer Foundation Course.

#### **Course plan**

| Week   | Physics  | Mathematics  | Chemistry                                |  |  |
|--|--|--|--|--|--|
| 1  | Vectors & Kinematics                           | Number System & Linear<br>Equation in 2 Variables  | Basic Principles of<br>Chemistry         |  |  |
| BTest - 1 (6 April 2025)   |  |  |  |  |  |
| 2 Forces   |  | Quadratic Equation &<br>Permutation & Combination  | Types of Reactions, Redox<br>& Balancing |  |  |
| BTest - 2 (13 April 2025)  |  |  |  |  |  |
| 3  | Momentum & Collisions &<br>Work Power & Energy | Probability, Coordinate<br>Geometry,<br>Trigonometry, Arithmetic &<br>Geometric Progression &<br>Mensuration | Normality and Atomic Structure           |  |  |
| BTest - 3 (20 April 2025)  |  |  |  |  |  |
| Outstanding Res  | sults Toppers Speak                            | About Course Entrar  | Ice Exam                                 |  |  |
| School/College/ Hostel/ Transport Fee & Scholarships What makes BT different? Contact Details Summer Foundation Course |  |  |  |  |  |

| Summer Foundation Course |                        |  |       |
|--------------------------|------------------------|--|-------|
| Batch details            |                        |  |       |
|                          |                        | Offline Batches  |       |
| Centre                   | Duration               | Timing   | gs    |
| Aundh                    | 31 March 2025 to 20 Ap | bril 2025 Lecture 1 - 8:00 to 10<br><i>Break - 10:30 to 11:0</i><br>Lecture 2 - 11:00 AM | 00 AM |
| Camp<br>(Lloyds)         | 31 March 2025 to 20 Ap | bril 2025 Lecture 1 - 11:00 AM<br>Break - 1:30 to 2:00 F<br>Lecture 2 - 2:00 to 4:3      | PM    |

Examination in Offline Mode: Sundays on 6th, 13th & 20th April 2025

### **Online Batches**

| Duration                       | Timings  |
|--------------------------------|--|
| 31 March 2025 to 20 April 2025 | Lecture 1 - 3:00 to 5:30 PM<br><i>Break - 5:30 to 6:00 PM</i><br>Lecture 2 - 6:00 to 8:30 PM |

Examination in Online Mode: Sundays on 6th, 13th & 20th April 2025

### **Classrooms for Summer Foundation Course**

#### Timing 8:00 am to 8:00 pm - All 7 days

#### <u>Aundh</u>

3rd Floor, Shambhu Vihar Commercial Complex, Behind Bhavani Home Appliances, Between Medipoint Hospital and DAV School, Aundh, Pune 411027.

https://goo.gl/maps/W7BsftFtk3NgwAN4A

Call or Whatsapp: 7841953300, 8888876410 8799913606

#### Camp (Lloyds)

Block 2, Office No. 604/5/6/7/8, Lloyds Chambers, Near Dr. Babasaheb Ambedkar Sanskrutik Bhavan, Maldhakka Chowk, Pune 411011.

https://goo.gl/maps/twVyUuLXsSXpA8gZA

Call or Whatsapp:

atsapp: 7841953300, 8888866189 8799913607 020-66280915

Fee Details

Rs. 27,000/- for all students having secured admission to 2 year Comprehensive Course. Rs. 51,000/- for students joining only the Summer Foundation Course.

#### Note - Fee once paid is non-refundable.



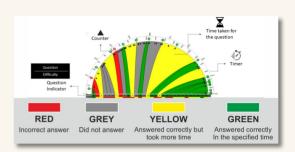
# What makes BT different?

### 1. Unparallelled Genuine Results: Power of BT!

Unlike most institutes which do not even publish their result on their websites and thrive on fake results, we believe in absolute transparency. All the ranks mentioned by us belong to the general category unless otherwise specified clearly. All the results correspond to our classroom students. We have also given contact details of all our IIT-JEE/JEE Advanced qualified students till date, on our website, in the results section. We are yet to come across an institute in entire India which has the honesty, courage & confidence of declaring their results, consistently year after year, in such a transparent manner.

### 2. Offline & Online tests with detailed analysis

Offline and Online Tests at BT (called BTests) are thought provoking and bear close resemblance to the actual JEE paper. We analyse the tests from a student's perspective providing detailed and in-depth analytics on time management and test taking strategy. The analytics for the Online test are available immediately after test submission. The analytics of the Offline test are emailed in a couple of days.



Some of the parameters on which students' performance is analysed are mentioned below:

- **Subject Analysis**: Students get to know their performance in each subject along with time spent per subject per question.
- **SWOT Analysis:** Students can clearly see the topics in which they are strong or weak and then can easily decide the time to be spent on each topic going forward.
- Analysis as per question type: Questions in each test are tagged as per various types (single option correct, multiple options correct, integer type etc.) and students get to know how they fared under each type giving them an understanding of where they need to improve.
- Attempt Analysis: A unique analysis of questions attempted by the students' according to their difficulty level is provided to the students' to give an understanding of whether the easier questions were attempted earlier than the difficult questions or not.

#### 3. Merit wise batches

Merit based batches is one of the attributes that is common across all the successful JEE institutes across the country. It is a proven fact that when students study with peers of relatively same intelligence level, they are able to learn more and even the teachers are able to plan their lectures well. This also creates a spirit of positive & healthy competition among the students.

### 4. Focus on Boards & MHT-CET as well

We at BT teach the basic concepts so well that the student understands the subject to the core and then it is just a matter of a little bit of tuning according to the different exams. We ensure that the students get thoroughly prepared for the board exams & other popular exams like MHT-CET, BITSAT, Olympiads etc as well. After the syllabus is completed in 12th std (sometime in October), we conduct special lectures for Boards/BITSAT/MHT-CET preparation. In such lectures, students are trained as per the different pattern of these exams and mock tests of all these exams are also conducted. Students at BT have been doing exceptionally well in Boards, BITSAT, MHT-CET & other exams (details of the same have been updated on the website link: https://www.bakliwaltutorialsiit.com/result\_other\_exam/).



## What makes BT different?

### 5. Well Equipped Classrooms, Study Room & Library Facility

BT offers state of the art infrastructure at each of their centre with spacious, AC ventilated classrooms having Digital Boards. In addition to the classrooms, separate study rooms are maintained which are dedicated for students for their self study. Students can also make use of the various reference books available in the library.

### 6. Counseling Session after JEE Advanced Result

A detailed counseling session is conducted for all the students after their JEE and other exam results are declared. In this session, along with the teachers, senior students from BT, who have joined various IITs and other top colleges like NIT's, BITS etc. participate and guide the passing out batch on the right options to choose as per their merit and interest.

### 7. Student Mentorship Program

Each and every student at BT is assigned a personal Mentor. These mentors are young trainee teachers at BT, who have recently passed out from top colleges like IIT/NIT etc. Mentor keeps meeting the student at regular intervals, discusses student's academic activities in detail including the daily study routine. The mentor also keeps a check of the progress of the student and connects with the parent to discuss the same. Basically, the mentor plays the role of an elder brother/sister to the student and guides the student academically and non academically in this journey empathetically.

#### 8. BT Culture

Out of the box events like Whizz-kid (Puzzle Competition), Felicitation Function in which meritorious students are awarded with Cash Prizes, Staff birthday celebrations, Picnic with 12th passing out students along with the faculty, Seminars, Counselling Session after JEE Advanced result etc truly make BT different.



#### 9. Interaction with parents on child's progress

We ensure that we stay connected with parents through various ways and keep them in loop with respect to their child's progress during the preparation. Parents are also sent absenteeism SMS on daily basis and test results with detailed analysis after every test. We also conduct a seminar on effective parenting where we share our views on how parents can contribute in child's studies. PTM is occasionally conducted where one to one feedback is provided to them etc. Parents can also meet teachers occasionally after the lectures. Thus, parents are kept totally involved during the entire journey so that we work together for the intellectual growth of the child.

#### **10. Insightful Seminars**

In addition to the regular lectures, special seminars on various topics are conducted at regular intervals to guide the student on mental and other aspects which are important for JEE preparation along with the academics part. Special seminars/interaction sessions are also conducted with parents where we discuss with them as to what can be their role on their child's preparation. This ensures that students are highly motivated and aware about all the important aspects during their JEE preparation journey.



# **Toppers Speak**



### **Akshat Chugh**

JEE Adv 2017 AIR 2 - Maharashtra Topper

All those Rours effect in class studying, discussing and laughing cannot be forgetten. I have no doubt that I would not be able to get even a trifle digit mark without BT. The teachers here are truly amoging They know exactly what works and exactly when to fush etude. I had never seen such fossionate teachers before joining BT. Alexet Mesket cligh (ATE-2)



### Pratik Sahoo

#### JEE Adv 2022 AIR 7 - Maharashtra Topper

What I will remember the most about BT is the culture. The breezy lectures that helped is study without pressure, the forendly and close teachers who were also our mentars, the close-bird social circle of the students; all of these are what make BT special. I will always remember these crucial, yet enjoyable years.



### Karthik Mahesh

#### JEE Adv 2015 AIR 22 - Maharashtra Topper

mental preparation Especially toibhan six, whose one confidence that I really could gave techniques verter IIT. He. also taught physics, and how to do this again, If I got a chance to to do my best surely would, and would strive important leason given by BT to me as the

Karthik Mahesh



# Soham Joshi

#### JEE Adv 2021 AIR 46 - Pune Topper

I joined BT in 8th grade for the fundation cause which helped me appreciate logical reasoning and I pursued the spel comp cause in physics for 2 years (9th, 10th) which helped me appreciate the power of hundamental thinking. In all these courses all the teachers I have encountered & all my peers have been very friendly and willing to discuss anything freely, all thants to this wonderful culture at BT. Barting Scham Joshi Scham Joshi



### Vedang Asgaonkar

#### JEE Adv 2020 AIR 7 - Maharashtra Topper

Valbhav Bakliwal sir is the most possionate and enthusiastic visionary I have met. His mentoring and mental preparation strategy helped me remain calm and composed during my preparation and exam.

The teachers in BT are very dynamic and guide students in all aspects of preparation.

I wish to express my gratibude towards the entire BT team "Lucky To Be A BTian" - Veday Asgankar AIRT (2000)



#### **Omkar Thakoor**

#### IIT JEE 2010 AIR 11 - Maharashtra Topper

I am very grateful to my teachers at BT-Vaibhau sir, C.M. Sir, They have taught us so well, I wonder if I will ever get better teachers, even @ 1178 Now. It has been a long association afor 4 yrs, that I have been at BT and memories of this bond will help me get going through rough and tough patches of life.

(Omkar Thakoor)

# A

### Kashvi Khurana

JEE Adv 2024 AIR 39 - Maharashtra Girls Topper

My journey here at CT was a very momentable and fantashis road. I found a friend group with the some four, and we would resonate so well and helped each other grow and learn. The teachers here were absolutely wonderful, with deep conceptual knowledge and an incredible sorgerness to help the students with doubt



# Rohan Prinja

#### IIT JEE 2011 AIR 53 - Pune Topper

I have no idea what might have happened on 10th April 2011, had I never joined BT. Maybe I wouldn't have qualified at all... maybe I would have narrowly qualified with a rank in the 9000s. It's impossible to predict. But one thing is of sure - Those two years spent preparing for JEE would swely not have been as much fun!

These two years in BT were, quite simply, AWESOME. ] Studied the hardest I had ever in my life, and I also did the most to enjoy myself these two years. And if I could turn back time, I'd do it again, no doubt. Rohan Prinja

Outstanding Results
School/College/ Hostel/ Transport

Toppers Speak

Fee & Scholarships

About Course

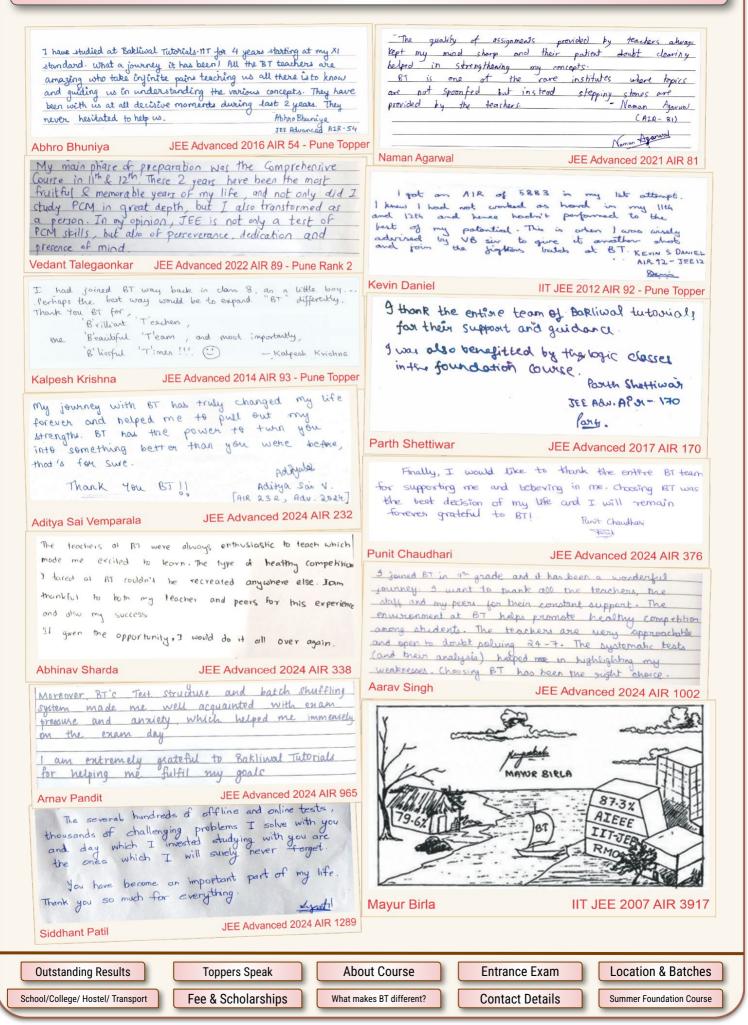
What makes BT different?

Contact Details

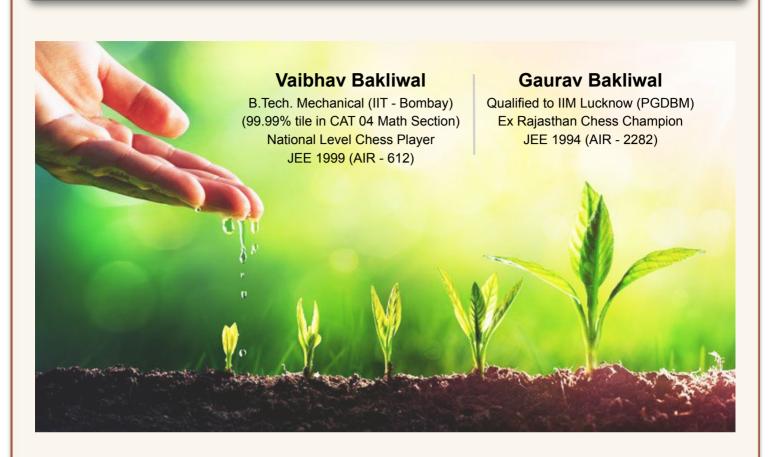
**Entrance Exam** 

Location & Batches
Summer Foundation Course

# **Toppers Speak**



### **Nurturing Talent - BT Team**



At Bakliwal Tutorials, our **Faculty** is our greatest strength. Our team of seasoned educators, subject matter experts and passionate mentors are dedicated to unlock your child's potential.

Over the years, more than 10,000 teachers have applied at BT. Through a stringent selection process, we select the best out of them. Unlike other coaching classes which have only 1 or 2 'good' teachers, each and every faculty at BT is extremely knowledgeable, approachable and passionate about teaching. This is in line with the BT's value system that each and every student is taken due care of and that student maximizes his/her performance and surpasses one's own expectations.

Feedback of almost all teachers at BT, as frequently taken from students, is more than 9 out of 10 for most teachers.

Along with the regular faculty, BT has around 30+ Trainee Teachers from various IITs/NITs. They are young teachers who've themselves gone through the JEE preparation journey recently. They assist students with their doubts in both online and offline mode. They are also involved in the Student Mentoring Program and guide each and every student with a one-to-one mentoring sessions.



### Merit awards to BT students

We take pride in the success of all our students, but Top Rankers in JEE Advanced and students clearing 2nd round of Olympiads deserve special recognition. As a token of appreciation, they will be awarded a Cash Prize as per below mentioned table:

| All India Rank in JEE<br>Advanced             | Scholarship     |
|---|-----------------|
| AIR 1   | Rs. 10,00,000/- |
| AIR 2-10                                      | Rs. 5,00,000/-  |
| AIR 11-100                                    | Rs. 1,00,000/-  |
| AIR 101-500                                   | Rs. 20,000/-    |
| AIR 501-1000                                  | Rs. 10,000/-    |
| Prizes to all JEE Advanced Qualified students |                 |

- Laptop to the student who tops JEE Advanced from BT. Each of the other students in Top 1000 ranks in JEE Advanced is also given a gold or silver coin.
- Additional awards are also given to all the students who clear JEE Advanced (BT bag, BT water bottle, Momento, Scientific Calculator, BT T-shirt along with some cash prize).
- Students who clear second round of Olympiads (INMO, INPhO, INChO, INAO) are awarded Rs. 20,000.
- The Cash Awards are applicable for JEE Common Rank List (CRL) only and are presented during BT's Felicitation Function.

| Outstanding Results Toppers Speak                    | About Course Entrance Exam Location & Batches                                     |
|--|---|
| School/College/ Hostel/ Transport Fee & Scholarships | What makes BT different?         Contact Details         Summer Foundation Course |

# **Contact Details**

# **(**7304 400 400

E-mail: info@bakliwaltutorialsiit.com

Website: www.bakliwaltutorialsiit.com

