

## FOUNDATION 2024-25 PROGRAM

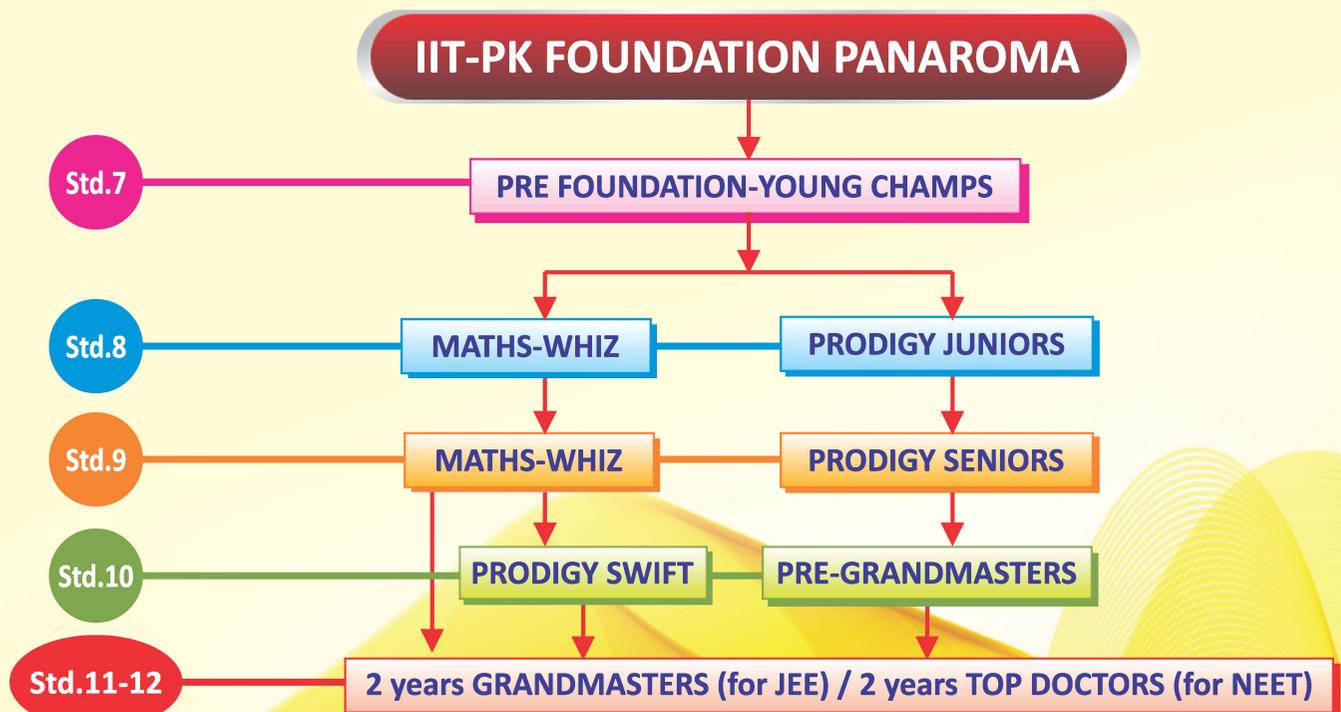
NTSE | HOMI BHABHA | NSTSEINSO | NSEJS | MATH OLYMPIADS (PRE-RMO, RMO, IPM, SILVER IOM)



As per the **New Education Policy (NEP) 2020** and successive Supreme Court judgements, the importance of **Std.10** and **Std.12** Board exams has reduced considerably and the importance of Entrance exams like JEE and NEET has amplified. These Entrance exams are gateways to the prestigious colleges offering professional courses like **Engineering, Medicine, Architecture, Design, NDA, Bio-Technology and Pure Sciences**. A strong foundation in Logic, Mathematics and Science is essential to prepare for Entrance exams and professional courses thereafter.

The Pune-based **IITian's Prashikshan Kendra (IIT-PK)** is a leading coaching institute for **IIT-JEE & NEET** having produced **1384** IIT Ranks, over **150** MBBS admissions, **800+** BITS PILANI selections, **3000+** NIT/IIIT/CFTI selections, **75+** Foreign Universities admissions with scholarships and **100+** admissions in prestigious Pure Sciences colleges like IISERs, CMI, ISI, NISER etc. in the past 22 years. IIT-PK student Sankalp Gaur put Pune on the national map of IIT Education by standing **first in India** out of 13 lacs students in JEE MAINS 2015. **IIT-PK** has produced 7 times **Pune JEE Topper** in the past 22 years. Almost **60%** of the **IIT Ranks** produced by IIT-PK in the past 22 years have been from the **PRODIGY** Programs of **IITPK**.

Sensing the need of bright students and aware parents to start early, IIT-PK has designed an excellent roadmap for IIT Foundation from **Std. 7 / 8 / 9 / 10** whose details are elucidated below.



## Various FOUNDATION 2024-25 programs are as under:

### Pre-Foundation Program for Std. 7<sup>th</sup>

#### YOUNG CHAMPS: For Std. 7th Offline / Online (Only Sunday batches)

YOUNG CHAMPS is a Pre-Foundation stage program for 6-7 months to orient the student to the logical thinking process via puzzles solving and basic Math topics. There will be 2 Tests taken in the entire program.

**Weekend Batches Timing :** 10 am to 1 pm

**Offline Centres :** FC Rd, Kothrud & Aundh

**Benefits :**

- Cultivating interest in logical puzzles and problems solving.
- Preparation for State Govt. Scholarship exam

### Foundation Programs for Std. 8<sup>th</sup>, 9<sup>th</sup> & 10<sup>th</sup>

#### PRODIGY JUNIORS: For Std. 8th Hybrid / Online (Weekday / Weekend batches)

JUNIORS program is meant to teach the subjects of Logical Ability, Maths, Physics & Chemistry in an interest-evoking method. Interesting activities like Thesis cum Presentation project, fun-to-do learning Workshops are offered as an integral part of the PRODIGY JUNIORS program. The program has bi-monthly live Tests and pre-loaded on-demand online Tests too.

**Weekend Batches Timing :** 9 am to 1:30 pm on Sunday (Offline)+ 6 pm to 8 pm on Thursday (Online)

**Weekday Batches Timing :** 6 pm to 8 pm on Tuesday & Wednesday (Offline)+ 6 pm to 8 pm on Thursday (Online)

**Offline Centers :** FC Rd, Kothrud, Aundh, Hadapsar & Akurdi

**Benefits :**

- Cultivating deep interest in Logic, Math & Science
- Developing analytical skills
- Preparation for IJSO and NSTSE

#### PRODIGY SENIORS: For Std. 9th Hybrid / Online (Weekday / Weekend batches)

SENIORS program is meant to teach the subjects of Logical Ability, Maths, Physics & Chemistry & Biology in an interest-evoking method. Interesting activities like Thesis cum Presentation project, fun-to-do learning Workshops are offered as an integral part of the PRODIGY SENIORS program. The program has monthly live Tests and pre-loaded on-demand online Tests too.

**Weekend Batches Timing :** 9 am to 1:30 pm on Sunday (Offline)+ 6 pm to 8 pm on Thursday (Online)

**Weekday Batches Timing :** 6 pm to 8 pm on Tuesday & Wednesday (Offline)+ 6 pm to 8 pm on Thursday (Online)

**Offline Centers :** FC Rd, Kothrud, Aundh, Hadapsar & Akurdi

**Benefits :**

- Developing conceptual understanding and problems solving skills.
- Preparation for Homi Bhabha exam and IJSO.

#### PRODIGY SWIFT: For Std. 10th Offline / Online (Only Sunday batch)

This is a short-term program for 6 months comprising of a synthesis of key topics of PRODIGY JUNIORS and PRODIGY SENIORS program and is conducted between May and December months. For fresher students who cannot commit for longer term being in Std.10. The subjects of Maths, Physics and Chemistry shall be taught in this program.

**Weekend Batch Timing :** 10 am to 1 pm

**Offline Centre :** FC Rd only

**Benefits :**

- Developing analytical skills.
- Preparation for NTSE and NSO.

# Foundation Maths Olympiad Program for Std. 8<sup>th</sup> & 9<sup>th</sup>

## MATHS-WHIZ: For Std. 8th or 9th Online (Weekday batches)

The MATHS-WHIZ program shall be conducted in online mode only on Fridays and Saturdays for 3 hours per day from June onwards till the Pre-RMO exam in Aug month. A total of 120 hours of lectures shall be delivered before the Pre-RMO exam. Students selected in RMO exam shall be given 90 hours of complementary Training for RMO as part of the MATHS-WHIZ program.

**Weekday Batches Timing :** 6 pm to 9 pm on Friday & Saturday (Online)

**Benefits :**

- Development of advanced problems solving skills. Preparation for Pre-RMO, RMO, IOQM, INMO exams

### Features of FOUNDATION Programs:

- ▶ *Offline in-person interactive lectures held in hi-tech classrooms*
- ▶ *Study material is prepared by IIT-PK academic think-tank in sync with the program*
- ▶ *24 X 7 Online **Doubts Forum** on IIT-PK LMS system*
- ▶ ***On-demand online Tests** of all chapters in PCML taught in the programs.*
- ▶ *Live Monthly Tests conducted on IIT-PK LMS system*
- ▶ *Parents meeting held in Oct-mid to appraise about program progress.*
- ▶ ***Thesis cum Presentation project** for all students.*
- ▶ *Coaching for popular competitive exams made available to interested students.*
- ▶ *A separate book on solved papers of popular competitive exams is given.*
- ▶ *Workshops on Vedic Mathematics and Chess made available to all students.*
- ▶ ***Add-on modules** like Coding & IT skills, Experiments Workshop, Rubik Cube solving, Astronomy, Automobiles, Robotics Workshop (RAAR), Field Trip in a reputed institute of Science & Technology, Innovation Lab exposure at an additional cost.*

### Benefits of FOUNDATION Program:

- ▶ Cultivating deep interest in the subjects of **Logic, Maths & Science**
- ▶ Developing sound logical, analytical & conceptual skills
- ▶ Enabling students to enjoy the art of problem solving
- ▶ Giving exposure to genre of competitive exam, questions and cracking exams like **NTSE, Homi Bhabha, NSTSE, NSO, various Olympiads** etc.

**All Foundation Programs commence from Sunday, June 9th, 2024**

## Foundation Program Fees Chart :

Name of Program	Duration	Days	Subjects taught	Fees	Scholarships
<b>YOUNG CHAMPS</b>	6 months	Only Sunday	Logical Reasoning, Physics & Maths	Rs. 18000 (Lumpsum)	Upto Rs.5000
<b>PRODIGY JUNIORS</b>	10 months	Sunday & Thursday / Tuesday & Wednesday	Physics, Chemistry, Maths, Biology & Logical Reasoning	Rs. 52,000 (2 instalments)	Upto Rs. 15,000
<b>PRODIGY SENIORS</b>	10 months	Sunday & Thursday / Tuesday & Wednesday	Physics, Chemistry, Maths, Biology & Logical Reasoning	Rs. 52,000 (2 instalments)	Upto Rs. 15,000
<b>PRODIGY SWIFT</b>	6 months	Only Sunday	Physics, Chemistry, & Maths	Rs. 30,000 (Lumpsum)	Upto Rs.5000
<b>MATH-WHIZ</b>	6 months	Friday & Saturday	Maths Olympiad	Rs. 25000 (Lumpsum)	Upto Rs.5000

### Pre-Foundation **YOUNG CHAMPS** for Std. 7<sup>th</sup> :

Rs. 18,000/- (to be paid lumpsum) inclusive of 18% GST

### **PRODIGY JUNIORS / SENIORS** for Std. 8<sup>th</sup> & 9<sup>th</sup>:

Rs. 52,000/- (2 Instalments) inclusive of 18% GST

(Any one Add-on Module & Field Trip Cost is included)

Booking Amount: - Rs. 25000/- as on admission date

2nd Instalment: - Rs. 27000/- PDC dated 15th August, 2024

#### Add-on modules :

- Coding & IT skills (Online)
- Experiments Workshops (at Exploratory)
- Rubik Cube solving, Astronomy, Automobiles & Robotics (RAAR) Workshops
- Innovation Lab (at Exploratory)

**An additional Rs. 3000 per module** to be paid if student wants to opt more than one Add-on module.

*PS: These add-ons modules shall be conducted on Sat-Sun or public holidays in online mode or at designated locations in Pune between Jan to March.*

#### Scholarships:

Student can win Merit Scholarships depending on scores achieved in previous Std. in Math or Science as below:

80% in previous Std. = Rs.2500

85% in previous Std. = Rs. 5000

90% in previous Std. = Rs. 7500

95% & above in previous Std. = Rs. 10000

### **PRODIGY SWIFT** for Std. 10<sup>th</sup>:

Rs. 30,000/- (to be paid lumpsum) inclusive of 18% GST

### **MATH-WHIZ** for Std. 8<sup>th</sup> / 9<sup>th</sup> :

Rs. 25,000/- (to be paid lumpsum) inclusive of 18% GST

**TO KNOW MORE ABOUT DETAILED FEES STRUCTURE OF ALL PROGRAMS, PLEASE CONTACT ANY OF OUR ADMISSION PERSONNEL.**

# CURRICULUM :

## YOUNG CHAMPS

TOPICS	
Overview of Mathematics and Physics	Basic Counting Principles : Arrangements & Selections
Number Systems	Principle of Simple interest and Compound interest
Fractions, Decimals, Ratios & Percentages	Set Theory and Venn Diagrams
Factors & Multiples : LCM & HCF	Data Representation : Graphs, Bar and Pie Charts
Linear equations of 1 and 2 variables	Logical Reasoning Problems : 10 standard types in competitive exams
Geometry of Parallel Lines	Logical Puzzles Solving Techniques
Geometry of Triangles : Congruency Tests	Basic Trigonometry and its applications
Mensuration : Perimeter, Area and Volume of select figures & solids	Introduction to Astronomy

## PRODIGY JUNIORS

MATHS	CHEMISTRY	PHYSICS	LOGICAL ABILITY
Introduction to mathematics	Introduction to chemistry	Introduction to physics	Section 1 : Analytical reasoning questions
Number systems	Electronic configuration	Units and dimensions	Section 2 : Comprehension questions
Basic trigonometry	Periodic table	Mathematical tools in physics	Section 3 : Spatial ability questions
Ratio and proportion	Chemical bonding principles	Periodic table	Section 4 : Coding-decoding questions
Indices and surds	Mole concept	1-D kinematics	Section 5 : Logically deducible questions
Polynomials	States of matter	Newton's laws of motion	Section 6 : Mathematical type questions
Linear equations	Oxidation-reduction concepts	Work-power-energy	BIOLOGY
Co-ordinate geometry	Acid-base theories	Theory of collisions	Introduction And Scope Of Biology
Pure geometry	Intro to organic chemistry	Fluid statics	Cell Structure
Mensuration		Heat	Cell Division
Basic combinatorics		Optics	Introduction to Genetics
		Waves	Mendel's Laws
		Electrical circuits	Morphology and Anatomy of Living Organisms

## PRODIGY SENIORS

MATHS	PHYSICS	CHEMISTRY	BIOLOGY	LOGICAL ABILITY
Quadratic equations	Units and dimensions	Electronic configuration	Introduction And Scope Of Biology	Section 1 : Analytical reasoning questions
Trigonometry	Vectors	Periodic table	Cell Structure	Section 2 : Comprehension questions
Co-ordinate geometry	2-D kinematics	Chemical bonding principles	Cell Division	Section 3 : Spatial ability questions
Pure geometry	Force dynamics	Mole concept	Introduction to Genetics	Section 4 : Coding-decoding questions
Sequences and series	Work-energy	Gas laws	Mendel's Laws	Section 5 : Logically deducible questions
Basic inequalities	Heat	Redox and acid-theories	Morphology and Anatomy of Living Organisms	Section 6 : Mathematical type questions
Logarithms	Optics	Chemical reactions :		
Combinatorics	Electrical circuits	rate, equilibria and energetics		

## PRODIGY SWIFT

MATHS	PHYSICS	CHEMISTRY
Linear equations in one and two variables	1-D Kinematics	Periodic Table
Quadratic equations	Newton's Laws of Motion	Electronic Configuration
Trigonometrical Ratios & Identities	Work-Energy Principles	Acids & Bases
Triangle Trigonometry	Impulse-Momentum Principle	Oxidation-Reduction Concepts
Permutations & Combinations	Fluid Statics	Mole Concept
Mensuration : Perimeter, Areas & Volume	Calorimetry & Thermal Expansions	
Geometry of Parallel Lines, Triangles & Circles	Electrical Circuits	
Co-ordinate Geometry : Straight Line	Ray Optics : Plane & Spherical Mirrors	
Logarithms		

## MATHS-WHIZ

Topics		
Geometry	Elementary combinatorics	System of linear equations
Arithmetic of integers	Quadratic equations and expressions	Probability theory
Numbers Theory	Polynomials	Elementary graph theory
Trigonometry	Co-ordinate geometry	Finite series and complex numbers
		Inequalities

## IIT-PK Foundation 2021 - 23 Wonder-kids :



**OJAS SUGUR**  
Cue Maths  
- Silver Medal -  
**PRODIGY SENIORS**



**KAMANYA PATIL**  
National Cyber  
Olympiad  
- Silver Medal -  
**PRODIGY SENIORS**



**SAHIL MUSALE**  
IMO  
- Gold Medal -  
**PRODIGY SENIORS**



**ANUJ CHAVAN**  
NSO  
- Silver Medal -  
**PRODIGY JUNIORS**



**SANCHALI KOLOD**  
IMO  
- Gold Medal -  
**PRODIGY SENIORS**



**SNEHA  
AMBERWADIKAR**  
MTSE - Pune Rank 1  
(State Rank 5) -  
**PRODIGY SWIFT**



**ASHUTOSH SINGH**  
IMO  
- Gold Medal -  
**PRODIGY SENIORS**

These are few luminaries of the hundreds of amazing success stories scripted by the Foundation Programs of IIT-PK in the past 21 years :

- **Girish Ramakrishna** - JEE ADVANCED AIR 161
- **Parth Bhattacharya** - JEE ADVANCED AIR 196
- **Akshay Gadre** - JEE ADVANCED AIR 366 (Pune Topper)
- **Sameer Kulkarni** - JEE ADVANCED AIR 1052 & JEE MAINS 313 marks (Pune Topper)
- **Sankalp Gaur** - JEE MAINS AIR 1 (All India Topper) & JEE ADVANCED AIR 56 & KVPY AIR 2
- **Abhishek Kulkarni** - JEE ADVANCED AIR 537 & KVPY Scholar
- **Mihir Lahoti** - NEET Topper 612 marks
- **Nishant Mittal** - JEE ADVANCED AIR 275 & KVPY Scholar
- **Atharva Chandak** - JEE MAINS AIR 598 & KVPY Scholar

- In the past 21 years, IIT-PK has produced 1384 IIT Ranks with an average success ratio of **22%**
- Foundation students success ratio to secure an IIT Rank has been **32%**
- Freshers students success ratio to secure an IIT Rank has been **18%**

# Hall of Fame - Our IIT Toppers



**Darsh Patel**  
AIR 454



**Gaurav Dalvi**  
AIR 134



**Advait Rege**  
AIR 357



**Ritesh Bhujbal**  
AIR 893



**Nishant Mittal**  
AIR 275



**Advait Padaval**  
AIR 428



**Abhishek Kulkarni**  
AIR 537



**Sankalp Gaur**  
AIR 56



# Hall of Fame - Our NEET Toppers



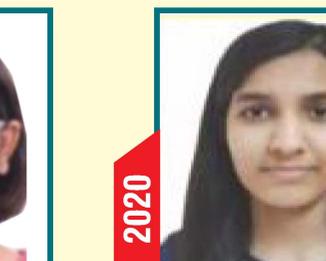
**Kaushik Thakur**  
695 / 720



**Vaishnavi Kanyalkar**  
680 / 720



**Purvi Lahoti**  
656 / 720



**Vaidehi Narkhede**  
621 / 720



**Chaitanya Pore**  
625 / 720



**Mihir Lahoti**  
612 / 720



**Sakib Khan**  
603 / 720



**Vaishnavi Nipanikar**  
619 / 720

# IITPK credentials from 2002-2023

- Coached over **13000** students via **JEE & NEET** via long-term program from Std. 7<sup>th</sup> to Std. 12<sup>th</sup>
- **1384** IIT Ranks
- **3000+** NIT, IIIT, GFTI selections
- **800+** BITS PILANI selections
- **2000+** COEP, VJTI, SP, PICT, VIT, MIT selections
- **70+** Foreign University Scholarships
- **100+** admissions in IISERs, IIST, CMI & ISI etc.
- **150+** MBBS admissions; 50 in Govt Medical Colleges

## iiTPK

**The IITian's Prashikshan Kendra Pvt. Ltd.**

*A coaching institute with a difference*

### • OUR CENTERS •

- FC Road** : 201, 2nd Floor, Mosaik Complex, Above Starbucks, Opposite to Ferguson College Main Gate, FC Road, Pune - 411004.
- Kothrud** : 4<sup>th</sup> Floor, Siddharth Towers, Near Sangam Press, Kothrud.
- Aundh** : 3<sup>rd</sup> floor, B-wing, Astral Court, Opposite Gaikwad Petrol Pump or Cafe Peter Donuts, Aundh, Pune - 411007.
- Akurdi** : 3<sup>rd</sup> floor, Unit No. 7, 8, 18 & 19, Aishwaryam One Complex, Near Hanumanji Statue, Old Mumbai-Pune Highway, Chinchwad, Pune- 411019.
- Spine Road** : 32, 33, Ground Floor, Fusion Park, Ajmera Morwadi Road, Near Mhada Colony, Morwadi, Pimpri.
- Wakad** : 2<sup>nd</sup> Floor, A.P.J. College, S. No. 40, Venu Nagar Cotes, Near Euro School, Wakad, Pimpri-Chinchwad.
- Hadapsar** : Marvel Fuego Commercial Premises, Unit No 7050, 7th Floor, Wing A, Magarpatta Rd, Opposite Seasons Mall, Hadapsar, Pune - 411028.
- Nagar Road** : 1<sup>st</sup> Floor, Sapphire Square, Bombay Sappers Colony, Near Chandan Nagar, Water Tank, Nagar Road.
- Bibwewadi** : Unit No 79, A-Wing, 3rd Floor, KK Market, Bibwewadi, Pune-Satara Road.
- Sinhagad Road** : C/o Yashda Classes, Akshay Business Square, 2nd Floor, Garmal, Above Yashoda jewellers, Garmal, Dhayari, Pune - 411041
- Salunke Vihar** : Office No. 104, SN 61/1/1, 61/1/3, One Place Commercial Complex, Wanowrie, Salunke Vihar Rd, Oxford Village, Pune - 411040.



**E-mail : [info@iitpk.com](mailto:info@iitpk.com)**

**Visit : [www.iitpk.com](http://www.iitpk.com)**

**Helpline Number : 7066256256**

*If you are not studying with IITPK, you are missing somethings !*