



Topics-wise coverage in PRODIGY Program

For PRODIGY JUNIORS

MATHEMATICS

- Number System
- Ratio & Proportion
- Indices
- Surds
- Polynomials
- Linear Equations
- Quadratic Equations
- Basics of Geometry
- Triangles
- Quadrilaterals
- Circles
- Mensuration
- Geometrical Constructions

PHYSICS

- Introduction to Physics
- Physical Quantities
- 1-D Kinematics

MATHEMATICS

- Mathematical Tools in Physics
- Newton's Laws of Motion
- Conservation Laws of Energy & Momentum
- Fluid Statics
- Heat
- Optics
- Waves
- Electrical Circuits
- The Universe

CHEMISTRY

- Introduction Chemistry
- Atomic Structure
- Periodic Table
- Chemical Bonding Principles

MENTAL ABILITY

- SECTION-1: Analytical Reasoning Questions
- SECTION-2: Comprehension Questions
- SECTION-3: Spatial Ability Questions
- SECTION-4: Coding - Decoding Questions
- SECTION-5: Logically Deductible Questions
- SECTION-6: Mathematical Type Questions

For PRODIGY SENIORS

MATHEMATICS

- Logarithms
- Sequences & Series
- Determinants
- Basic Inequalities
- Pure Geometry
- Trigonometry
- Straight Lines
- Locus Problems
- Quadratic Expressions
- Combinatorics

PHYSICS

- Units & Dimensions
- 1-D Kinematics
- Vectors
- Projectile Motion

CHEMISTRY

- Force Dynamics
- Work-Energy-Power
- Theory of Collisions
- Fluid Mechanics
- Heat
- Atomic Structure
- Periodic Table
- Chemical Bonding
- Measurements in Chemistry - Molar Concept
- States of Matter
- Rates & Acid-Base Theories
- Chemical Reactions - Rate, Equilibria & Energetics

BENEFITS OF PRODIGY Program :

- Cultivating interest in the subjects of Maths & Science.
- Developing sound logical, analytical and conceptual skills.
- Enabling students to enjoy the art of problems solving.
- Giving exposure to genre of questions which appear in competitive exams.
- Building scientific temper in the mind of the student.
- Initiating the student to JEE / NEET studies.
- Indirect benefit for school studies and exams.

ABOUT PET 2018

PET-2018 will be a 1 hour Multiple Choice questions based test without negative marking. PET 2018 has 30 questions which test Logical Reasoning skills. Each question has 4 choices and only 1 choice will be correct. The correct choice has to be marked on the bubble sheet by darkening it completely. 4 marks will be granted for every correctly answered question. There is no negative marking for incorrect answers. No marks will be granted or deducted for unattempted questions. The medium of PET-2018 will be English only. Thus, the PET-2018 is a 120 marks Test. A score of 30 marks and above is sufficient to clear the PET-2018 exam and secure admission in the PRODIGY JUNIORS & SENIORS Program. Both JUNIORS & SENIORS stream will have different question papers.

Please contact our office for knowing the dates and logistical details of PET-2018 and also the Registration procedure.



IITian's Prashikshan Kendra Pvt. Ltd.
Committed to World Class Education !

HO : 201, City Mall, Ganeshkhind Road, Near Pune University, Shivajinagar, Pune .

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BO : 406, Siddharth Towers, Near Karishma Society, Kothrud, Pune.

BO : 2nd Floor, Sapphire Square, Bombay Sappers Colony, Near Chandan Nagar Water Tank , Nagar Road, Pune.

BO : Shan-Heera, 13, Opposite Central Bank of India, M. G. Road, Camp, Pune.

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Classroom | Postal | Online Programs for JEE MAINS | JEE ADVANCED | BITSAT | MHT-CET

Centers - JM Road | Kothrud | M. G. Rd | Aundh | Satara Rd | Nagar Rd | PCMC

The PRODIGY PROGRAM is the most successful IIT Foundation program in Western India !



PRODIGY 2018 PROGRAMS

The stress-free SUNDAYS only IIT FOUNDATION program

Engineering Entrance Results - Our Toppers From 2009-2017

| 2009 | 2011 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|--|---|---|--|--|---|
|  |  |  |  |  |  |  |  |  |
| Girish Ramakrishnan IIT JEE AIR 141 BITSAT 303 Marks AIEEE AIR 104 | Parth Bhattacharya IIT JEE AIR 136 | Ashish Bora IIT JEE AIR 420 AIEEE AIR 54 Pure AIEEE Topper | Akshay Gadre IIT JEE AIR 306 BITSAT 414 Marks MHT-CET 188 Marks Pure BITSAT Topper | Sohrab Thakar JEE ADVANCED 552 BITSAT Marks 498 HSC Marks 91.33% | Sameer Karkari JEE MAINS MARKS 113 Pure Topper JEE ADVANCED AIR 1982 | Sankaip Gaur JEE ADVANCED AIR 16 JEE MAINS AIR 1 BITSAT AIR 2 KVPY AIR 2 XI CGSE 97.80% | Abhinav Kulkarni IIT AIR 537 BITSAT 371 Marks MHT-CET 180 Marks KVPY Scholar | Param Kothari AIR Top 5 in Maths 116 Marks JEE ADV 2017 |

Medical Entrance Results - Our Toppers From 2013-17

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  | | | |
| Shreyas Nigamkar SI MBBS | Vaishnavi Nigamkar SI MBBS | Priya Singh MBBS, Warde | Anshika Shrivastava GMSL MBBS | Vinayak Deshpande AFMC MBBS | Shantini Khetkar SI MBBS | Jyoti Joga NIP MBBS | Pragna Kaur GS MEDICAL MBBS | Ananya Kapurkar GMC AMRITSAR MBBS | Rachna Ramani GMC DHULE MBBS | Purni Jain CMC VELLORE MBBS | Shantanu Waghmare GS MEDICAL MBBS | Shubh Chate SI MBBS |



IITian's Prashikshan Kendra Pvt. Ltd.

PRODIGY 2018

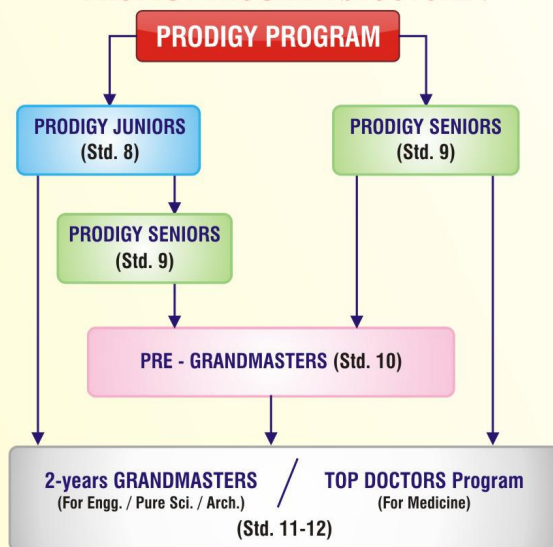
Concept :

The 21st century is an era of tremendous and exciting opportunities in the emerging knowledge economy dominated by technological innovations. This is a competitive era where only the proactive, aware and hardworking student progresses rapidly and accesses the best available educational and career opportunities. You must be aware that admission to all professional courses in the higher education colleges in India is strictly on the basis of an Entrance exam after Std.12 like JEE for Engineering or NEET for Medical courses. There are very few A-grade college seats in the nation and the number of aspirants to these seats is quite high. For example, for Engineering there are 33 aspirants for every A-grade college seat.

Preparing for these challenging Entrance exams which have a huge syllabus (110 chapters) and high level of difficulty of questions is possible in Std.11-12 in 2-years time but is generally a stressful experience. In order to make the same preparatory experience stress-free, it is advisable for the student to **start early either from Std.7/8/9/10** so that the journey in the crucial Std.11-12 period becomes relatively smooth and enjoyable.

Besides, the above medium-term objective, there are a number of benefits of doing a stress-free IIT Foundation program like **PRODIGY** in Std.7/8/9/10 which are mentioned elsewhere in this brochure.

PRODIGY PROGRAM STRUCTURE :



NB : Student can join PRODIGY Program from Std. 7 / 8 / 9 / 10 onwards

About PRODIGY PROGRAM :

The various stages of the **PRODIGY 2018** Program are as under :

- 1) PRODIGY JUNIORS :** Student must be studying in Std. 7/8 in the academic year 2018-19 and must clear the PET Admission Test. It is a Sunday-only program for 4.5 hours each and the subjects of Mathematics, Physics, Chemistry and Mental Ability are taught in an interest-provoking manner. Interesting activities like Thesis cum Presentation projects, Experiments Workshops and Field Trip is organised as part of the PRODIGY JUNIORS program.

- 2) PRODIGY SENIORS :** Student must be studying in Std. 9 / 10 in the academic year 2018-19 or must have completed the PRODIGY JUNIORS Program with IIT-P. Admission shall be granted only on the basis of the PET Admission Test. The SENIORS program is conducted every Sunday for 4.5 hours and the subjects of Maths, Physics, Chemistry and Biology are taught in a systematic manner. Interesting activities like Thesis cum Presentation projects, Experiments Workshops and Field Trip is organised as part of the PRODIGY SENIORS program.
- 3) PRE-GRANDMASTERS :** Student must have successfully completed all the aspects of the PRODIGY SENIORS Program to be eligible to do the PRE-GRANDMASTERS Program. In this program, the student shall be exposed to Advanced classes of Physics & Mathematics on Sundays at JM Rd from 2 pm to 6:30 pm from first Sunday of June to October end. In this program, the student learns to apply the concepts taught in the SENIORS Program to a wide range of concept-testing problems. Student shall have the option to attend Chemistry additionally with Std.11 students during 1 weekday at select classroom centers of IIT-P.
- 4) CALCULUS PROGRAM :** Student who has done the PRODIGY JUNIORS Program in Std. 7, the PRODIGY SENIORS Program in Std.8, the Pre-GRANDMASTERS Program in Std.9 and wishes to do a classroom program in Std.10 as well can enrol for the 3-months special program on Differential & Integral Calculus which is taught from July to September of that academic year. Such students are advised to study for Std.10 Boards exam thereafter.

Logistical Details :

The logistical details which includes locations, timings etc. can be known from IIT-P Seminars and from IIT-P Admission counsellors in our offices. The PRODIGY 2018 Program is offered currently at JM Road, Kothrud, Aundh, MG Road and PCMC.

Academic Calendar for PRODIGY 2018 Program (JUNIORS & SENIORS)

| Time Line | Course Highlight | Weekly Load |
|-------------------|---|-------------|
| June to Nov, 2018 | Phase 1 : IIT Foundation Lectures | 4.5 Hours |
| Nov – 2018 | DIWALI HOLIDAYS + (Experiments Workshop) | 12 Hours |
| Nov to Feb, 2019 | Phase-2 : IIT Foundation Lectures | 4.5 Hours |
| Jan – Feb, 2019 | Phase 3 : Thesis cum Presentation Project | X |
| March, 2019 | ANNUAL TEST | 3 Hours |
| Mar-mid, 2019 | FELICITATION FUNCTION | X |

Study Material Provided :-

- A comprehensive PRODIGY JUNIORS GUIDE shall be given to PRODIGY JUNIORS students and a comprehensive PRODIGY SENIORS GUIDE shall be given to PRODIGY SENIORS students.
- A book on Mental Ability prepared by IIT-P shall be given to all PRODIGY JUNIORS and SENIORS students.
- Special Notes shall be provided to PRE-GRANDMASTERS students.

About Testing system :

There shall be Monthly Tests for PRODIGY SENIORS stream but only 2 Phase Tests in the PRODIGY JUNIORS stream. Tests shall be objective type with negative marking and detailed printed solutions shall be provided after every Test. Parents shall receive an SMS after every Test on their ward's performance.