



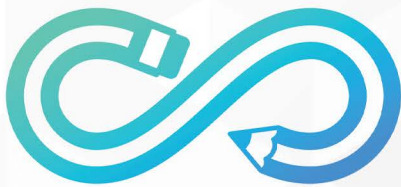
SINGULARITY™
E D U C A T O R S
Learn Excel Achieve



SCIENCE & MATHEMATICS

**EMINENCE PROGRAM
CLASS IX & X (CBSE BOARD)**

INFORMATION BROCHURE 2023-25



WELCOME TO

SINGULARITY

LEARN, EXCEL, ACHIEVE!

EDUCATIONAL INSTITUTE

BY IISER PUNE AND IIT KANPUR ALUMNI

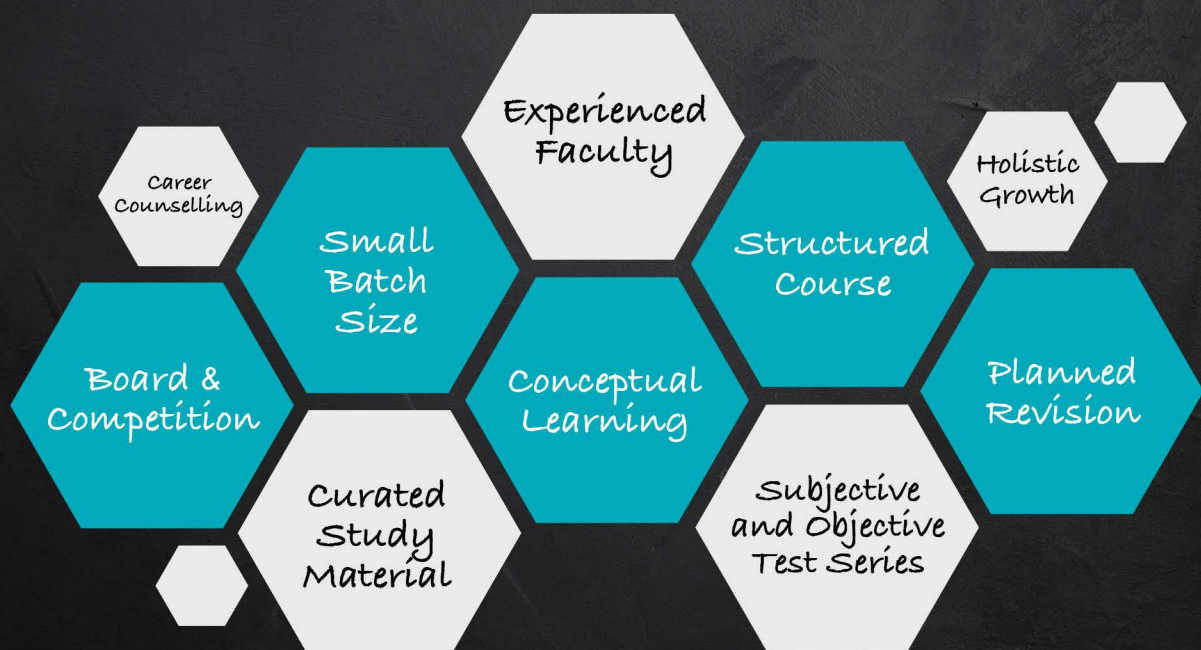
#BetterFuture



ABOUT US

Singularity is an educational institute aimed at imparting young minds with an understanding of fundamental sciences that is profound and meaningful to human life. Singularity, founded by a group of IISER Pune and IIT Kanpur Alumni, believes in an interdisciplinary approach to both teaching and learning. Our highly qualified and skilled teachers, by sharing their hands-on experiences, add a greater dimension of knowledge and enhance the ability of students to see new perspectives. Teaching is a passion, learning is an exercise and appearing for exams is an art. Singularity aims to nourish young minds with a perfect blend of all these, thus paving their pathway to excellence.

WHAT MAKES US DIFFERENT ?



TEAM SINGULARITY



Nitesh Verma (BS-MS, IISER Pune)
Founder, Singularity Educators

Aug 2019 - Present

Founder & Teacher
Singularity Educators

Aug 2014 - July 2019

BS - MS (Bachelor of Science - Master of Science)
Indian Institute of Science, Education and Research (IISER) - Pune

Recipient of DST - INSPIRE Scholarship 2014
Indian Institute of Science, Education and Research (IISER) - Pune

May 2013 - May 2014

Qualified JEE Main, JEE Advanced & IISER Aptitude Test 2014
Yearlong Classroom Contact Program (RJ1 Batch)
Resonance Eduventures, Kota

June 2023 - Present

Co-Founder & Teacher
Singularity Educators

Aug 2018 - May 2023

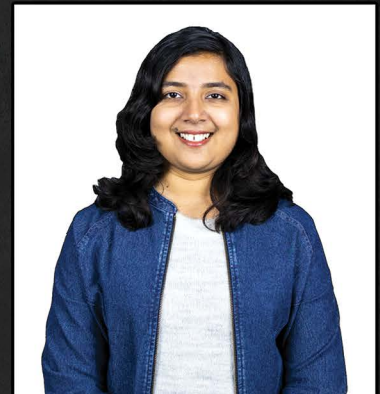
BS - MS (Bachelor of Science - Master of Science)
Indian Institute of Science, Education and Research (IISER) - Pune

AIR 35 in GATE (Ecology & Evolution) 2023
Qualified GATE (Life Sciences) 2023
Conducted by IITs

Recipient of KVPY Scholarship & Awarded DST - INSPIRE 2018
Indian Institute of Science, Education and Research (IISER) - Pune

Mar 2018 - May 2018

AIR 189 in IISER Aptitude Test 2018
Qualified JEE Main and NEET 2018
Among Top 1% of CBSE XII Board 2018



Shruti Pawar (BS-MS, IISER Pune)
Co-Founder, Singularity Educators



K. K. Verma (B.Tech-M.Tech, IIT Kanpur)
Mentor, Singularity Educators



S. K. Verma (B.Tech, IIT Kanpur)
Mentor, Singularity Educators



Dr. Kirti Pawar (PhD, Microbiology)
Mentor, Singularity Educators



Sambhaji Pawar (M.Pharm)
Mentor, Singularity Educators

WALL OF FAME



Divyanshu
JEE Advanced 2022
IIT Delhi



Neha Girish
JEE Advanced 2021
IIT Delhi



Shaunak Kadam
IIT NAEST 2023
Regional Rank 2



Pradnya Sharma
JEE Main 2023
VIT Vellore (CS)



Gauri Thakur
JEE Main 2022
MIT Pune



Gautam Prasad
HSC Board
90.7%

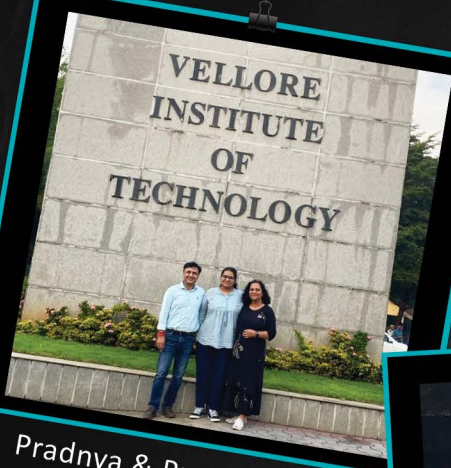


Aayushi
CBSE Class X
93%

“

With immense joy, we present to you our exceptional results within a very short time since the inception of our Institute. Congratulations to these bright young minds and their proud parents!

”



Pradnya & Proud Parents
@ VIT Vellore



Divyanshu & Proud Parents
@ IIT Delhi



Nitesh Sir visiting Neha Girish
@ IIT Delhi

The classes were extremely helpful. Although I had to complete the whole portion in quarter the actual time, the planned and structured classes helped me understand the concepts in-depth while getting practice as well. Nitesh Sir was very strict on completing homework but he was also very friendly; so the work didn't feel like a burden. He didn't teach like a teacher but like a senior you would go to help for. We could joke around in class and take breaks but when we studied, we did it with concentration. The thing I lacked the most was discipline and Sir helped ensure I stayed on track with break days in between.



Neha Girish
JEE Advanced 2021
IIT Delhi

CAREER OPTIONS

An engineer uses maths and science to solve different technical problems. Core branches in engineering include Civil, Mechanical, Electrical and Computer Science. Several non-core branches include Chemical, Biomedical, Aerospace, Information Technology etc.

Premiere Institutes for Engineering in India

IITs, NITs, BITS, VIT, IIITs, IIST, GFTIs, COEP Pune, VJTI Mumbai, ICT Mumbai, PICT Pune, NIFTEM etc.

Major Entrance Exams in India

JEE Main, JEE Advanced, MHT-CET, BITSAT, VITEEE etc.



ENGINEERING



MEDICAL

A doctor uses knowledge of medical science to identify and cure / prevent health issues faced by patients. Prominent specializations in medical field include Cardiology, Gynecology, neurology, Oncology, Ophthalmology, Orthopedy, Dermatology, Pathology, Psychiatry, Dentistry, Physiotherapy, Veterinary, Nursing etc.

Premiere Institutes for Medical in India

AIIMS, MAMC Delhi, CMC Vellore AFMC Pune, BJ Medical College, JIPMER etc.

Major Entrance Exams in India

NEET (UG), AIIMS Nursing, RPVT etc.

A career in Basic Science involves research and/or academia. Several roles exist in Industry, Academic Institutes and Independent Labs like Scientists, Analysts, Technicians, Professors etc.

Premiere Institutes for Basic Science Careers in India

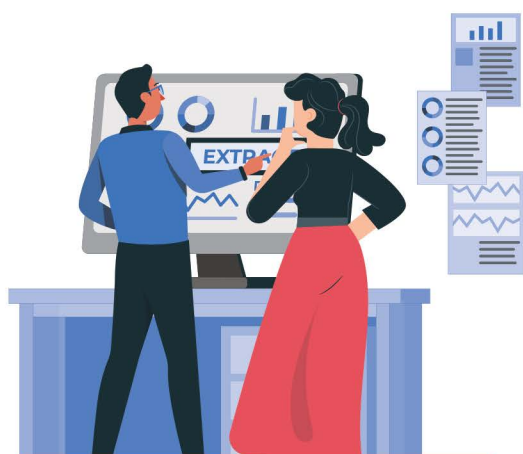
IISc Bangalore, IISERs, IACS Kolkata, NCL Pune, IITs, NITs, ISI Kolkata, NISER, CEBS Mumbai, TIFR Mumbai, Fergusson College Pune, NCBS Bangalore, NCCS Pune, NBRC, RRI Bangalore, NIV Pune, CCMB Hyderabad, JNCASR Bangalore etc.

Major Entrance Exams in India

IISER Aptitude Test (IAT), NEST, JEE Main, JEE Advanced, NEET etc.



BASIC SCIENCE



APPLIED SCIENCE

A career in Applied Science includes several streams like Biotechnology, Pharmacy, Data Science, Statistics, Food Technology etc.

Premiere Institutes for Applied Science in India

IBB Pune University, RGCB Thiruvananthapuram, NIPER Mohali, ISI Bangalore, NIFTEM Sonipat, IITs, NITs etc.

Major Entrance Exams in India

IBB Entrance Test, MHT-CET, JEE Main, JEE Advanced

DETAILS OF CLASSROOM PROGRAMS OFFERED

@ SINGULARITY EDUCATORS



EMINENCE PROGRAM

CLASS IX & X (CBSE BOARD)

Eminence CBSE Board Program is a two year long classroom program targeted towards CBSE Board exam preparation for students of IX and X. The focus is on developing crucial skills such as critical thinking, problem-solving, systematic learning and conceptual understanding. Ample practice is provided for thorough grasp over every topic. We provide an encouraging classroom environment where students can openly interact with teachers and peers for doubts-solving and exchange of ideas. Periodic counseling and career guidance is also extended to help students stay motivated and focused. Planned revision towards the end of the course is instrumental in connecting the dots and helping students to become confident problem solvers.



- ✓ **CBSE Board Syllabus Covered**
- ✓ **Subjective Test Series**
- ✓ **Performance Analysis**
- ✓ **Individual Attention**
- ✓ **Conceptual Learning**



COURSE PLANNER (CBSE BOARD)

CLASS IX

| PHYSICS | | CHEMISTRY | | BIOLOGY | | MATHEMATICS | |
|---------|--------------------------|-----------|----------------------------|---------|-------------------------------|-------------|--------------------------------------|
| S. NO. | TOPIC NAME/SEQUENCE | S. NO. | TOPIC NAME/SEQUENCE | S. NO. | TOPIC NAME/SEQUENCE | S. NO. | TOPIC NAME/SEQUENCE |
| 1. | Motion | 1. | Matter in Our Surroundings | 1. | The Fundamental Unit of Life | 1. | Number System |
| 2. | Force and Laws of Motion | 2. | Is Matter Around Us Pure? | 2. | Tissues | 2. | Polynomials |
| 3. | Gravitation | 3. | Atoms and Molecules | 3. | Diversity in Living Organisms | 3. | Coordinate Geometry |
| 4. | Work & Energy | 4. | Structure of the Atom | 4. | Why Do We Fall Ill? | 4. | Linear Equations in Two Variables |
| 5. | Sound | | | 5. | Natural Resources | 5. | Introduction to Euclid's Geometry |
| | | | | 6. | Improvement in Food Resources | 6. | Lines and Angles |
| | | | | | | 7. | Triangles |
| | | | | | | 8. | Quadrilaterals |
| | | | | | | 9. | Area of Parallelograms and Triangles |
| | | | | | | 10. | Circles |
| | | | | | | 11. | Heron's Formula |
| | | | | | | 12. | Surface Areas and Volumes |
| | | | | | | 13. | Statistics |
| | | | | | | 14. | Probability |

CLASS X

| PHYSICS | | CHEMISTRY | | BIOLOGY | | MATHEMATICS | |
|---------|--------------------------------------|-----------|-------------------------------------|---------|---------------------------------|-------------|---|
| S. NO. | TOPIC NAME/SEQUENCE | S. NO. | TOPIC NAME/SEQUENCE | S. NO. | TOPIC NAME/SEQUENCE | S. NO. | TOPIC NAME/SEQUENCE |
| 1. | Light – Reflection and Refraction | 1. | Chemical Reactions and Equations | 1. | Life Processes | 1. | Real Numbers |
| 2. | Human Eye and Colourful World | 2. | Acids, Bases and Salts | 2. | Control and Coordination | 2. | Polynomials |
| 3. | Electricity | 3. | Metals and Non-metals | 3. | How do Organisms Reproduce? | 3. | Pair of Linear Equations in Two Variables |
| 4. | Magnetic Effects of Electric Current | 4. | Carbon and its Compounds | 4. | Heredity and Evolution | 4. | Quadratic Equations |
| 5. | Sources of Energy | 5. | Periodic Classification of Elements | 5. | Our Environment | 5. | Arithmetic Progressions |
| | | | | 6. | Management of Natural Resources | 6. | Triangles |
| | | | | | | 7. | Coordinate Geometry |
| | | | | | | 8. | Introduction to Trigonometry |
| | | | | | | 9. | Some Applications of Trigonometry |
| | | | | | | 10. | Circles |
| | | | | | | 11. | Areas Related to Circles |
| | | | | | | 12. | Surface Areas and Volumes |
| | | | | | | 13. | Statistics |
| | | | | | | 14. | Probability |

✓ Total Classroom Hours (PCMB) = 280

✓ Total Classroom Hours (PCM) = 220

✓ Inclusive of Doubt Discussions

ACADEMIC CALENDAR (CBSE BOARD)

| | | |
|----------|--------------------------|--|
| CLASS IX | COMMENCEMENT OF BATCH 1 | 20 th March, 2023 (Monday) |
| | COMMENCEMENT OF BATCH 2 | 3 rd April, 2023 (Monday) |
| | COMMENCEMENT OF BATCH 3 | 2 nd May, 2023 (Tuesday) |
| | ORIENTATION SESSION | 16 th July, 2023 (Sunday) |
| | DIWALI BREAK | 10 th November, 2023 to 18 th November, 2023 |
| | SYLLABUS END DATE | 23 rd December, 2023 (Saturday) |
| | REVISION & TEST SERIES | January, 2024 Onwards |
| CLASS X | COMMENCEMENT OF BATCH 1 | 18 th March, 2024 (Monday) |
| | COMMENCEMENT OF BATCH 2* | 1 st April, 2024 (Monday) |
| | COMMENCEMENT OF BATCH 3* | 2 nd May, 2024 (Thursday) |
| | ORIENTATION SESSION** | 14 th July, 2024 (Sunday) |
| | SYLLABUS END DATE | 26 th October, 2024 (Saturday) |
| | DIWALI BREAK | 28 th October, 2024 to 9 th November, 2024 |
| | REVISION & TEST SERIES | November, 2024 Onwards |


*Commencement of Batch 2 & Batch 3 for Class X is applicable only for the students who were not part of the 2023-2025 two year program. Students who had enrolled for the two year program in 2023 will automatically continue in Batch 1 of Class X (commencing from 18th March, 2024) without any additional formalities.

**Orientation Session for Class X is applicable only for the students who were not part of the 2023-2025 two year program.


FEE STRUCTURE (CBSE BOARD)

| COURSE CODE | COURSE DESCRIPTION | CLASS – IX COURSE FEES | CLASS – X COURSE FEES | CLASS – IX & X DISCOUNTED FEES FOR TWO-YEAR PROGRAM |
|-------------|--------------------|------------------------|-----------------------|---|
| M3. | CBSE BOARD (PCMB) | ₹ 40,000 | ₹ 40,000 | ₹ 70,000 |

TIME TABLE - CLASS IX (CBSE BOARD)

|  | 4:30 PM to 5:45 PM |
|---|--------------------|
| MONDAY | Mathematics |
| TUESDAY | Mathematics |
| WEDNESDAY | Biology |
| THURSDAY | Mathematics |
| FRIDAY | Physics |
| SATURDAY | Chemistry |

TIME TABLE - CLASS X (CBSE BOARD)

|  | 5:45 PM to 7:00 PM |
|--|--------------------|
| MONDAY | Mathematics |
| TUESDAY | Biology |
| WEDNESDAY | Mathematics |
| THURSDAY | Mathematics |
| FRIDAY | Physics |
| SATURDAY | Chemistry |

ADMISSION GUIDELINES AND CODE OF CONDUCT

@ SINGULARITY EDUCATORS

$2C_2H_4O_2 + 2CO$
 $2C_2H_4O_2 + 2ADP + 2P_i \rightarrow 2C_2H_4O_2 + 2ATP + 2NADH + H^+$
 $2 \text{ Acetyl Coenzyme A (CoA)}$
 $2NAD^+ \rightarrow 2NADH + 2H^+$
 $2H^+ + 2e^- \rightarrow H_2$
 $CO_2 + H_2O \rightarrow H_2CO_3$
 $12H_2O + 34ATP$
 $2 \text{ Acetyl CoA} + 6H_2O + 2ADP + 2P_i$
 $C_6H_{12}O_6 + 2ADP + 2P_i$
 SO_2
 N_2O
 Cu_2O
 PCl_3
 H_2O
 HCl
 BCl_3
 N_2
 KCl
 Al_2O_3
 SiO_2
 $Al_2(SO_4)_3$
 HCN
 CCl_4
 $CuCl_2$
 $SiCl_4$

FEE SUBMISSION DETAILS

| COURSE CODE | CLASS IX | | CLASS X | | CLASS IX & X (TWO YEAR PROGRAM) | | | |
|-------------|----------------|----------------|----------------|----------------|---------------------------------|----------------|----------------|----------------|
| | INSTALMENT - 1 | INSTALMENT - 2 | INSTALMENT - 1 | INSTALMENT - 2 | INSTALMENT - 1 | INSTALMENT - 2 | INSTALMENT - 3 | INSTALMENT - 4 |
| | APRIL, 2023 | JUNE, 2023 | APRIL, 2023 | JUNE, 2023 | APRIL, 2023 | JUNE, 2023 | AUGUST, 2023 | OCTOBER, 2023 |
| M3 | ₹ 25,000 | ₹ 15,000 | ₹ 25,000 | ₹ 15,000 | ₹ 25,000 | ₹ 20,000 | ₹ 15,000 | ₹ 10,000 |

Note 1 : Each fee instalment should be submitted within the first week of the respective months mentioned in the tables above.

Note 2 : Failure to submit the entire course fee for two year programs before the respective deadlines mentioned above will automatically lead to cancellation of the discounted fees and the course fee for the second year will be charged in accordance with the new fee structure applicable for that year.

TERMS AND CONDITIONS

1. This Fee Structure is applicable for the students taking admission in 2023.
2. Fee should be submitted as per the instalments and respective deadlines for all courses as mentioned in the tables on this page, i.e., within first week of the respective month indicated. Random amount deposition should be avoided.
3. After the deposition of an instalment of fee, a soft copy of transaction details should be sent to Singularity Educators via WhatsApp message on +91 790 599 1690 or via email at singularity.educators@gmail.com. A hard copy of fee receipt will be shared with the student after confirmation of successful transaction.
4. Failure to submit the entire course fee for two year programs before the respective deadlines mentioned in the tables on the previous page will automatically lead to cancellation of the discounted fees and the course fee for the second year will be charged in accordance with the new fee structure applicable for that academic session.
5. Fee once submitted shall not be refunded under any circumstances.

MODES OF PAYMENT

1. Net Banking (IMPS/NEFT)

The amount should be deposited to the bank account as per details given at the time of admission.

2. UPI

Scan the QR code at Singularity Educators office to deposit the fee via UPI transfer.

3. Cash

The amount should be handed over to Nitesh Verma (Founder, Singularity Educators) or Shruti Pawar (Co-founder, Singularity Educators) at the physical location of the institute.

4. Cheque

The cheque should be in favour of "SINGULARITY EDUCATORS" and should be handed over to Nitesh Verma (Founder, Singularity Educators) or Shruti Pawar (Co-founder, Singularity Educators) at the physical location of the institute.

IMPORTANT NOTE TO PARENTS : Parents are requested not to handover the fee in cash to any person outside the institute. Instead, kindly follow and comply with the process/mode of payment as per the methods mentioned and described herein above. You are advised not to get misguided or induced by any person in matters related to concession in fee. The institute will not be responsible for any matter, whatsoever, related/consequent to negligence in understanding and/or following the rules and instructions provided by the institute.

ADMISSION PROCESS

1. Register on our website www.singularityeducators.com and visit Singularity Educators Office. Collect Singularity Educators Information Brochure and Application Form.
2. Read Singularity Educators Information Brochure carefully for details of classroom programs, courses, fee structure, code of conduct etc.
3. Choose appropriate classroom program and course. Attend FREE DEMO CLASSES for a week to make an informed choice of studying with us.
4. Fill the Application Form carefully and submit the duly signed form along with recent passport size photograph of the student and self-attested copies of relevant documents like Aadhar Card, previous two year mark sheets, score cards of competitive exams or olympiads cleared (if any) etc to Singularity Educators Office along with the first instalment of fees to secure your seat. The Fee Receipt will be shared after confirmation of the payment.
5. Collect the Welcome Kit from Singularity Educators Office, which includes study material, notebooks, T-shirts, Bag, Hoodie etc. Your admission is now confirmed!
6. Complete biometric fingerprint registration for attendance monitoring system. The ID card will be issued in due course of time.

CODE OF CONDUCT

Dress Code : It is compulsory for students to wear T-shirts, bags and hoodies (in winter season) provided by the Institute. The Institute will provide two T-shirts, one hoodie and one bag free of cost as part of the Welcome Kit along with other accessories. Any more T-shirts, if required by a student, need to be purchased separately. Further, the bottom wear should be modest, e.g., jeans, trousers, long skirts, capris etc. Bottom wear that are strictly prohibited include anything above knee-length, anything that is ripped, anything having obscene graffiti/content, anything translucent or anything as perceived by the Institute to be inappropriate.

ID Cards : Students must carry Singularity Educators ID cards at all times when inside the Institute's premises. Students will not be allowed to appear for tests without showing their ID cards.

Behaviour : The students are expected to maintain the decorum of the class and not involve in misbehaviour of any kind, either in action or verbally. Cases of indiscipline/bullying/cheating in tests and exams in the Institute will be strictly dealt with. The ID cards of such students will be punched and their parents will be informed. Five punches on a student's ID card will result in the expulsion of the concerned student from the Institute. Note that, in case of serious offences, multiple punches on the ID card will be registered or the student may be expelled immediately. In case, any student(s) causes any damage to the Institute property, he/she will be liable to pay the due monetary compensation as per the expenses incurred by the Institute.

Attendance : It is expected that students attend all the classes regularly and diligently as per the Class Schedule, unless in case of medical emergency/personal obligations, as substantiated by a letter from the parents and/or a medical certificate. Note that it is compulsory to provide a medical certificate from a registered medical practitioner in case of leave/absence of more than 3 working days. Further, it is mandatory to appear for all the tests conducted by the Institute (within or outside of the Class Schedule). Serious action will be taken against students found to be skipping tests or bunking classes irresponsibly. This may lead to punching of ID card, intimation to parents and any other action as deemed necessary by the Institute.

Homework Submission : All tests, assignments, RPS (Revision Problem Sheets) etc. should be submitted on time after getting duly signed by parents. Late submissions will be dealt with strictly and parents will be informed in such cases.

Usage of Mobile Phones and Electronic Gadgets : The use of mobile phones and any electronic devices during classes and tests is strictly prohibited. The phones should be either put on silent mode or switched off inside the Institute premises. Students found not adhering to the same would face serious consequences including but not limited to confiscation of mobile phones/electronic gadgets.



CONTACT DETAILS

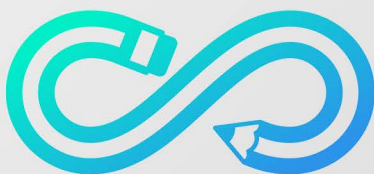
+91 790 599 1690



www.singularityeducators.com



6th Floor, Sutar Icon, Above Bank of Maharashtra,
Near Sai Chowk, Sus Road, Pashan, Pune (Maharashtra) - 411021



SINGULARITYTM
E D U C A T O R S
Learn Excel Achieve

JEE | NEET | IISER | MHT-CET