

# **PACE-2023**

**P. N. INSTITUTE ADMISSION CUM ENTRANCE TEST**

**Carpe Diem - Seize The Day**



**P. N. INSTITUTE ADMISSION  
CUM ENTRANCE TEST**

**01**

**Competition with Finest Scholars**

**02**

**Interest Oriented Counselling**

**03**

**Up to 100% Scholarship**

**04**

**Exciting Cash Prizes**

**Class VI to XI  
Science & Commerce**

# Former Pace Achievers



AVR  
**1**

MANAV DEODHAR



AVR  
**2**

DHWANI RATHOD



AVR  
**3**

TEJAS JAMBAGI



AVR  
**4**

SUMIT KUSHWAHA



AVR  
**5**

VISHWASH MAKWANA

# What is **PACE?**



**PACE : P. N. Institute** Admission cum Entrance Test is one of the biggest scholarship cum admission tests in the state that proposes students studying in Class 6 to 11 with a chance to earn up to 100% scholarship and cash awards to procure the right path contributing to their GOALS.



With PACE, we aspire to look for and foster the students possessing genius and help them to work towards their ambition. PACE brings considerable aid to students who are reluctant from education due to their financial condition. Last year's PACE motivated us to hold **Bigger** and **Better** rewards for the one's in need and deed.

# Exam Details

## At A Glance

**Dates:**

08-01-2023 | 05-02-2023 | 26-03-2023  
02-04-2023 | 09-04-2023 | 16-04-2023  
23-04-2023 | 30-04-2023 | 07-05-2023  
04-06-2023 | 11-06-2023 | 18-06-2023

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**Standard:**

6th, 7th, 8th, 9th, 10th and 11th  
(Science & Commerce)

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**Time:**

01:30 Hour

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**Registration Fee:**

Rs. 100/-

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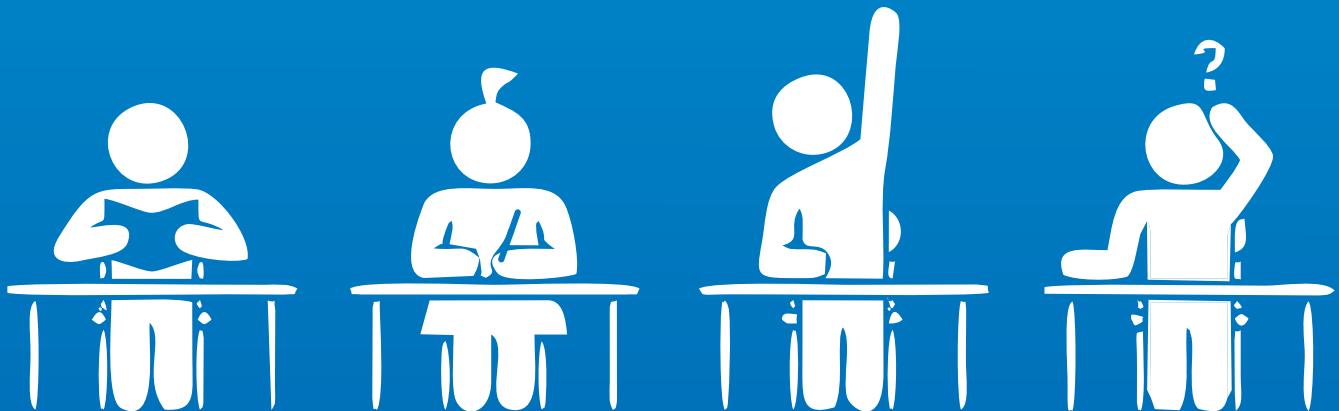
**Last Date for Registration:**

Two days before exam date.

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**Result Date:**

Same Day Result



# PACE SCHOLARSHIP CRITERIA

REMARKS	MARK RANGE	SCHOLARSHIP
EXCELLENT	190 TO 200	100%
	180 TO 189	80%
GOOD	160 TO 179	60%
	140 TO 159	40%
	120 TO 139	20%
AVERAGE	100 TO 119	10%
	50 TO 99	5%

## SCHOLARSHIP FOR SCHOLARS

For Students Passed Out From Class X GSEB Scoring A1 Grade.	25%
For Students Passed Out From Class X CBSE Scoring More Than 9.5 CGPA.	25%
Any Two Or More Siblings Studying In P. N. Institute.	5%
For Existing P. N. Institute Students on the basis of PACE	Up to 20%
On The Basis Of Performance In PACE.	Up to 100%
Student Referral Program.	1%

Are you a scholar of any school in your previous class?  
Then P. N. Institute provides you an appreciation scholarship as mentioned below :

PERCENTAGE	DISCOUNT
More than 90%	15%
More than 85%	10%
More than 80%	5%

# Important Instructions

- Online Registration Facility is available on our website: [pace.pninstiute.in](http://pace.pninstiute.in) where the students can register for PACE.
- For offline registration kindly visit our centre located at Gajanan Heights, Nr. Darbar Chokdi, Manjalpur, Vadodara – 390011.
- The exam will be conducted in Offline Mode only.
- The PACE test papers will consist of various types of Multiple Choice Questions (MCQs) like Single Answer, More than one Answer, Paragraph based, Assertion-Reason and Match the Column type. There will be no negative marking.
- Scholarship means Fee Concession, Fee Discount. If at any point of time, the Government decides to charge GST or any other tax on the scholarship / concession / discount amount / awards & prizes, then the GST shall be borne by the student(s) / parent(s) / guardian.
- Maximum scholarship for a student shall not exceed 100% of the overall fee in any case whatsoever.

## Terms & Conditions

- Students will get selected through this Test, subject to scoring above a minimum cut-off marks. Based on the total marks scored in the test, a common merit list will be prepared. The Students who do not clear the total cut-off marks will not qualify for the final merit list.
- The final discretion of awarding Fee waivers for PNI (P. N. Institute) programs, will remain with PNI management and this decision will be final and binding on the candidate.
- PNI Students already enrolled in Classroom can appear in PACE Test to find out their current level of preparation and their projected Rank in JEE Main & Advanced / Other Competitive Entrance Examinations. We are already committed to these Students in giving our complete support at any point of their preparation. PACE is only for giving the feedback to their preparation and Scholarships (fee waivers) will be awarded to such Students.
- PNI has a zero-tolerance policy for unfair means & malpractice and the PACE Tests are strictly invigilated to prevent this in any form. PACE Tests are designed to capture a student's real potential & aptitude and any form of malpractice can deter us from determining this. Even after admission – if any incident of unfair means comes to our notice – strict action will be taken including cancellation of the admission and forfeiture of any fees paid or reversal of scholarship awarded. In such cases – the decision of PNI management will be binding and final.
- If a Student appears in PACE test for the second time, Scholarship (fee waivers) if awarded, in the latter test will be scaled down by one slab so that he / she does not have any undue advantage over a fresh Student appearing for the first time.
- PNI reserves the right to change / cancel any program, eligibility criterion, and course fee without prior notice.

# How to **REGISTER?**

**ONLINE**

**01**

Visit [pace.pninststitute.in](http://pace.pninststitute.in)  
Or scan the QR code



Fill The Form & Submit  
Your Details

**02**

**03**

Proceed To Pay & Book  
Your Seat

Congrats! You Have  
Successfully Registered

**04**

**OFFLINE**

Kindly visit our centre located at Gajanan Heights,  
Nr. Darbar Chokdi, Manjalpur, Vadodara.

# Class 6 going to Class 7

PACE  
Syllabi

## MATHEMATICS

- Area & it's Boundary
- Pictorial representation of data
- Integers
- Fractions
- Decimals

## PHYSICS

- Motion & Measurement of distance
- Electricity & Circuits
- Light, Shadow & Reflections

## CHEMISTRY

- Separation of substances
- Sorting Materials into groups
- Changes around us.

## BIOLOGY

- Getting to know plants
- Body movements
- Components of food.

50 MCQs : IQ (10) | Mathematics (10) | Physics (10) | Chemistry (10) | Biology (10)

# Class 7 going to Class 8

50  
Total No. of Questions

200  
Total Marks

1:30  
Hour Duration

## MATHEMATICS

- Algebraic expression
- Mensuration
- Rational Numbers
- Comparing Quantities

## PHYSICS

- Motion & time
- Electric current & its effect
- Light

## CHEMISTRY

- Heat
- Acids, Bases & Salts
- Physical & chemical changes

## BIOLOGY

- Transportation in animals & plants
- Reproduction in plants
- Nutrition in plants & animals.

No  
**Negative**  
Marking

50 MCQs : IQ (10) | Mathematics (10) | Physics (10) | Chemistry (10) | Biology (10)

# Class 8 going to Class 9

PACE  
Syllabi

## MATHEMATICS

- Linear equation in one variable
- Comparing quantities
- Mensuration
- Factorization

## PHYSICS

- Chemicals Effects of electric current
- Light
- Force & pressure

## CHEMISTRY

- Materials – metals & non metals
- Combustion & flame
- Synthetic fibers & plastics

## BIOLOGY

- Microorganisms – friend & foe
- Reproduction in Animals.
- Cell Structure & functions

50 MCQs : IQ (10) | Mathematics (10) | Physics (10) | Chemistry (10) | Biology (10)

# Class 9 going to Class 10

50  
Total No. of Questions

200  
Total Marks

## MATHEMATICS

- Linear equation in two variable
- Area of parallelogram & Triangles
- Surface area and Volume
- Probability

## PHYSICS

- Force & laws of Motion
- Gravitation
- Work & energy

1:30  
Hour Duration

## CHEMISTRY

- Atoms & Molecules
- Structure of atoms

## BIOLOGY

- Diversity in Living Organisms
- Tissues
- The fundamental unit of life cell

No  
**Negative**  
Marking

50 MCQs : IQ (10) | Mathematics (10) | Physics (10) | Chemistry (10) | Biology (10)

# Class 10 going to Class 11 (Medical)

PACE  
Syllabi

BIOLOGY

- Control & co-ordination
- How do organisms Reproduce?
- Heredity & Evolution

PHYSICS

- Light- Reflection & Refraction
- Electricity
- Magnetic effects of electric current
- The Human eye & colorful world

CHEMISTRY

- Chemical Reaction & equation
- Carbon & its compound
- Periodic classification of elements.

50

Total No. of Questions

200

Total Marks

# Class 10 going to Class 11 (Engineering)

MATHEMATICS

- Arithmetic Progression
- Probability
- Statistics
- Co-ordinate Geometry

PHYSICS

- Light- Reflection & Refraction
- Electricity
- Magnetic effects of electric current
- The Human eye & colorful world

CHEMISTRY

- Chemical Reaction & equation
- Carbon & its compound
- Periodic classification of elements.

1:30

Hour Duration

No  
**Negative**  
Marking

50 MCQs : IQ (10) | Physics (13) | Chemistry (13) | Mathematics (14)

# Class 10 going to Class 11 (Commerce)

PACE  
Syllabi

MATHEMATICS

- Probability
- Statistics
- Coordinate geometry
- Arithmetic progression

SOCIAL SCIENCE

- Economic Development
- Economic Problem & Challenges : Poverty & Unemployment
- Economic Liberalization & Globalization
- Price rise & Consumer Awareness

50 MCQs : IQ (10) | Mathematics (20) | S.S. (20)

# Class 11 going to Class 12 (Commerce)

ACCOUNT

- |   |  |
|---|--|
| <ul style="list-style-type: none"><li>• Basic Accounting Terms</li><li>• Journal</li><li>• Ledger</li><li>• Bank Reconciliation Statement</li></ul> | <ul style="list-style-type: none"><li>• Accounting Equation</li><li>• Cash Book</li><li>• Trial Balance</li><li>• Depreciation</li></ul> |
|---|--|

ECONOMICS

- Basic / Concepts of Economics
- Law of Demand & Elasticity of Demand
- Law of Supply
- Cost and Revenue concept
- Market

OCM

- Forms of Business Organisation (Part I & II)
- Public sector, Private Sector and Multi National Company
- Insurance and Banking, Warehousing Sector
- Importance of Money & Types of Money
- International Trade

50

Total No. of Questions

200

Total Marks

1:30

Hour Duration

No  
**Negative**  
Marking

50 MCQs : ECO (15) | OCM (15) | Accounts (20)

# Class 11 going to Class 12 (Medical)

PACE  
Syllabi

BIOLOGY

- Nural Control and Coordination
- Cell Cycle and Cell Division
- Photosynthesis in Higher Plants
- Biomolecules
- Plant Kingdom
- Locomotion and Movement

CHEMISTRY

- Some Basic Concepts of Chemistry
- Stoichiometry & Redox reactions
- Atomic Structure
- Periodic Properties & Periodic Classification
- Chemical Bonding
- GOC & Isomerism
- Hydrogen & Its Compounds

PHYSICS

- Physical World
- Units and Dimensions
- Motion in Straight Line
- Motion in Plane
- Laws of Motion
- Work, Energy and Power

50 MCQs : Physics (15) | Chemistry (15) | Biology (20)

50

Total No. of Questions

200

Total Marks

1:30

Hour Duration

No  
**Negative**  
Marking

# Class 11 going to Class 12 (Engineering)

PACE  
Syllabi

MATHEMATICS

- Sets, Relations and Functions
- Trigonometry
- Complex Numbers
- Sequence and Series
- Statistics
- Limits and Derivatives

CHEMISTRY

- Some Basic Concepts of Chemistry
- Stoichiometry & Redox reactions
- Atomic Structure
- Periodic Properties & Periodic Classification
- Chemical Bonding
- GOC & Isomerism
- Hydrogen & Its Compounds

PHYSICS

- Physical World
- Units and Dimensions
- Motion in Straight Line
- Motion in Plane
- Laws of Motion
- Work, Energy and Power

50 MCQs : Physics (15) | Chemistry (15) | Mathematics (20)

50

Total No. of  
Questions

200

Total Marks

1:30

Hour  
Duration

No  
**Negative**  
Marking



**P. N. INSTITUTE**  
LINKING LEARNING TO LIFE

# THE CONCEPT SCHOOL

7<sup>th</sup> | 8<sup>th</sup> | 9<sup>th</sup> | 10<sup>th</sup> | 11<sup>th</sup> | 12<sup>th</sup> (NTSE & OLYMIADS)

Medical | IIT – JEE | Commerce | Foundation



## 100% Board Result



Study  
Material



Best  
Teachers



Personal  
Attention



Continues  
Evaluation



### VISION :

Our vision is for each child to develop a curiosity of learning, discover their interests and grow in their love of learning. We also desire to have strong families through parents support/fellowship and skills training.



### MISSION :

P. N. Institute seeks to create a challenging learning environment that encourages high expectations for success through development-appropriate instruction that allows for individual differences and learning styles.



### MOTTO :

Our motto is "Linking learning to life." Fusing education with our life is the finest way to learn. Education is not only about studying the syllabus. It is a mix of physical, mental as well as social development.

(A Division of P. N. Group of Education)

## WHAT WE ARE BEST AT ?

1



### PERSONALIZED ATTENTION :

We provide all individual students one to one advice & attention. Which helps them to grow.

2



### CREATIVE THINKING :

We help them to discover new solutions & ways of overcoming problems.

3



### COMPETITIVE ENVIRONMENT:

We foster an environment where students are encouraged to do their best.

## WHY CHOOSE P. N. INSTITUTE ?



Expert Faculties



Personal Care



Doubt Solving Sessions



Commendable Scholarship



Accurate Study Material



FREE Career Counselling



Transport Facility



Library



Well Equipped Labs



CCTV Monitoring

## OUR ACHIEVEMENTS



40+

NEET/JEE SELECTIONS



4344+

STUDENTS



55+

TOP CLASS TEACHERS



99%

RESULTS

# COURSES WE OFFER

01

## PRE - FOUNDATION COURSE:



- Class 7<sup>th</sup> | 8<sup>th</sup>
- Topic wise Preparation
- Experienced Faculties
- Personal Attention
- Regular practice sessions

02

## FOUNDATION COURSE:



- Class 9th | 10th
- All subject Preparation
- Experienced Faculties
- Personal Attention
- Regular Practice Session

03

## 11<sup>TH</sup>-12<sup>TH</sup> SCIENCE | BOARDS | IIT-JEE | NEET



- 2 years Integrated & Non Integrated Course
- Concept wise teaching methodology
- JEE – NEET Mock tests
- Quality Study Material
- Experienced Faculties
- Personal Attention
- Regular Practice

04

## 11<sup>TH</sup>-12<sup>TH</sup> COMM.|BOARDS|CA & CS FOUNDATION



- 2 years Integrated & Non Integrated Course
- Concept wise teaching methodology
- Quality Study Material
- Experienced Faculties
- Personal Attention
- Regular Practice

### TEACHING METHODOLOGY

- Subject Covered: All the subjects of each standard offered.
- Class Duration and Class Frequency: Minimum 45 Min. lecture for each subject (Varies as per standard).
- Regular classes: Faculty lecture, class notes.
- Study Material: Different for both CBSE & GSEB boards as per faculties guidance and Chapter wise worksheets.
- Books: NCERT books, state board books & standard reference books.
- Periodic testing: All subjects weekly test, viva test, unit test & summative assessments.
- For science students : every week single subject test, every month JEE/NEET test.
- Doubt Removal Classes: Regularly held as per academic need of the students.
- Revision Planning: Revision Planner, Major test series, open tests etc.

***"Learning is not attained by chance;  
it must be sought for with ardor and  
attended to with diligence."***

FROM  
**DIRECTOR'S  
DESK**



Beloved students,

I welcome all of you to P. N. Institute and warmly wish success to each and everyone of you. And though I would sincerely hope that all of you achieve the goals that you have set and fulfill your dreams for which you've spent sleepless nights, what I mean by 'success' is something altogether different.

To reach destination one must start walking and if the journey is difficult then stubbornness is the key. As a teacher, I have realized over the past years that success requires hard work and proper guidance. One must be able to draw a delimitation line among what to study and what not to. The efforts put by you will be the magnitude and our guidance will be the direction to reach your destination.

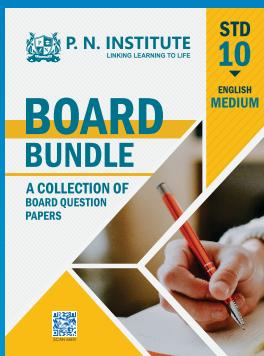
It's important to note at this moment in time that the changing pattern of higher level examinations such as JEE/NEET, GUJCET e.t.c. will have several new challenges to answer and an accordant approach will be required.

What makes P. N. Institute so special is that we believe that truth can be arrived at only through hard work. I can assure you that joining us will be one of the most revered decisions of your life. P. N. Institute is a place where you will be challenged to achieve your potential, find support as you shape up your future. I ensure that no stone will remain unturned in the venture to ensure you a great career ahead. May you fly high in life & success be with you always.

*Aditi Bansal*

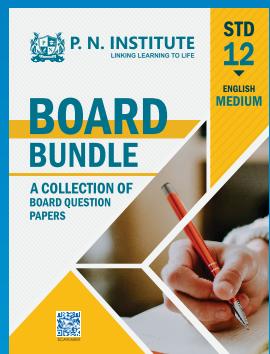
**MRS. ADITI BANSAL**  
Director, P. N. Institute

# STUDY MATERIAL

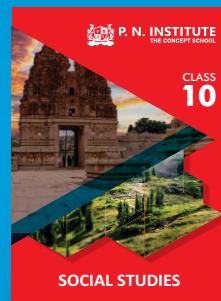
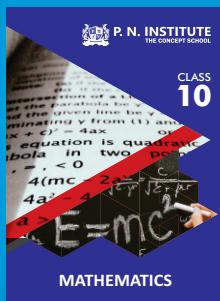


## Board Bundle

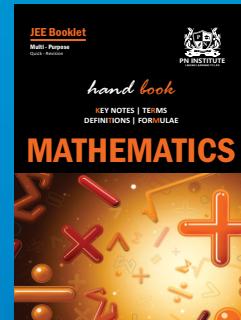
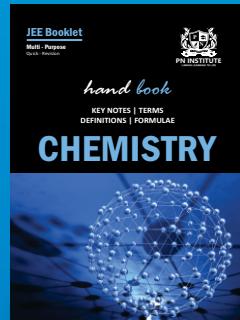
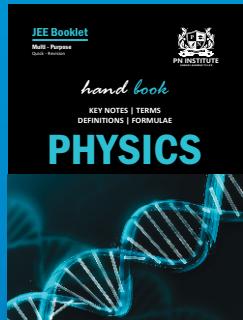
- Sample question paper as per latest paper pattern.
- One day revision notes to revise all the concepts one day before exam.
- Chapterwise set of MCQs to check preparation level of each chapter.
- Fully solved question bank.
- Question bank and latest sample paper with detailed explanation.



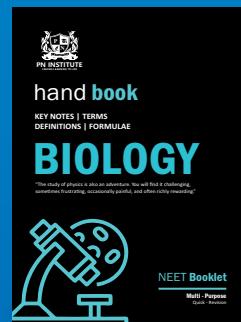
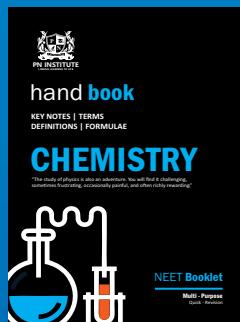
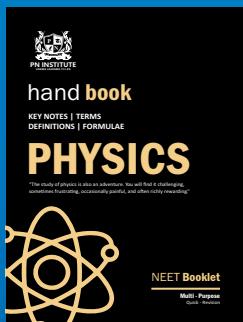
FOR STUDENTS ENROLLED IN FOUNDATION COURSE - 7<sup>th</sup> | 8<sup>th</sup> | 9<sup>th</sup> | 10<sup>th</sup>



FOR STUDENTS ENROLLED IN 11<sup>th</sup> & 12<sup>th</sup> SCI. (ENGINEERING) - BOARDS | IIT-JEE



FOR STUDENTS ENROLLED IN 11<sup>th</sup> & 12<sup>th</sup> SCI. (MEDICAL) - BOARDS | NEET



# P. N. INSTITUTE

## MEET OUR SCHOLARS



**98.00** PR

Mugdha Kadwekar



**95.68** PR

Sumit Kushwaha



**94.75** PR

Bhoomi Lakhani



**91.66** PR

Kertikay Rajput



**90.51** PR

Yashraj Prasad



**90.51** PR

Nidhi Patel



**87.57** PR

Gavai Armaan



**82.32** PR

Ganesh Kumavat



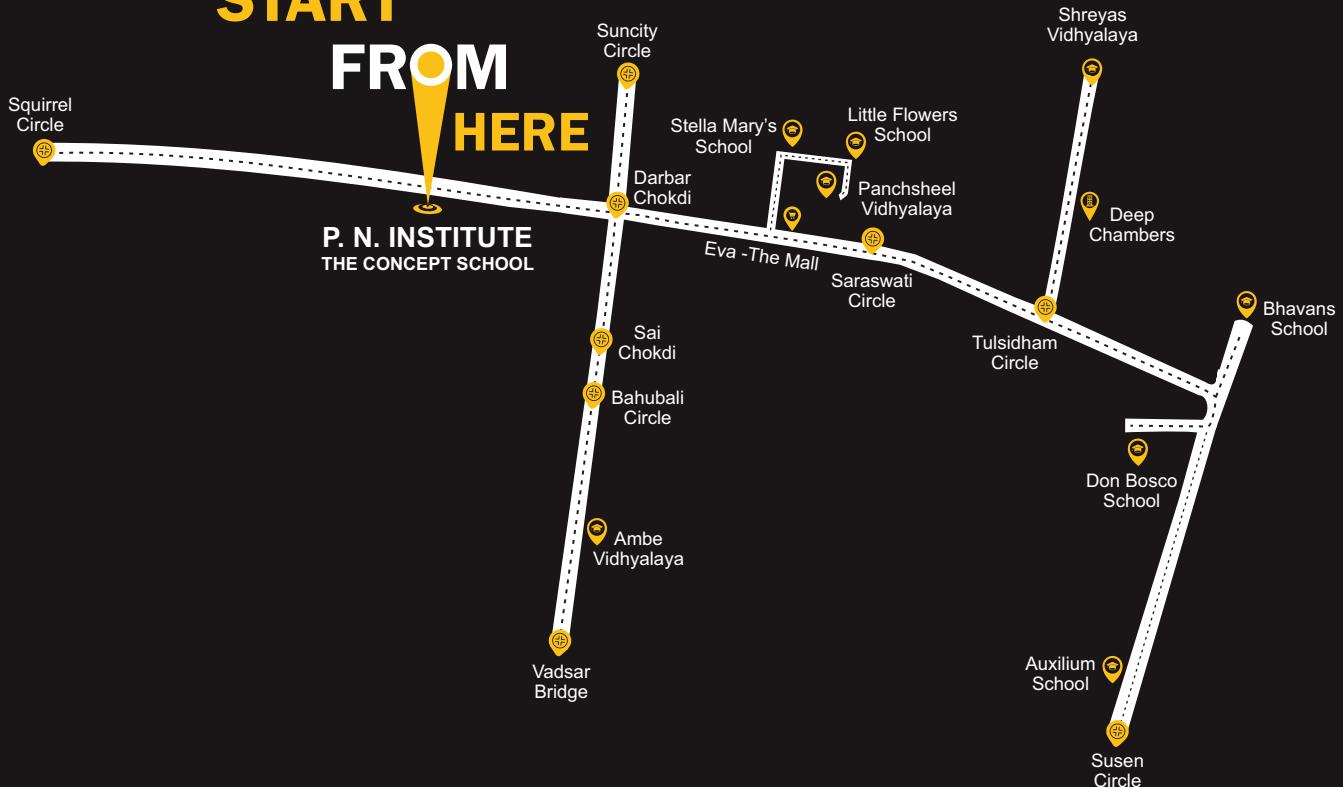
**81.23** PR

Vishwajit Tiwari

*“Our attitude to focus on excellence not only made us successful but also timelessly inspirational.”*

# CREATE YOUR OWN SUCCESS STORY

START  
FROM  
HERE



## P. N. INSTITUTE

- 📍 Gajanan Heights, Nr. Darbar Chokdi, Manjalpur, Vadodara.
- 🌐 pninstitute.in
- ✉️ Info@pninstitute.in

- 📞 For Admissions  
+91 74339 86083
- 📞 For PACE Registration  
+91 90992 55528



pace.pninstiute.in

AN INITIATIVE BY  
**P. N. GROUP OF EDUCATION**

