

DISHA
NUCLEUS, BHAGALPUR

“We Promised - We Delivered”



START PREPARING TO
ACHIEVE YOUR GOAL

ADMISSION

Session
OPEN 2022-24

 Near Ghuran Peer Baba Chowk, Chhoti Khanjarpur, Bhagalpur-1
 0641-2409984, 9709595643, 9570995992, 9931728466

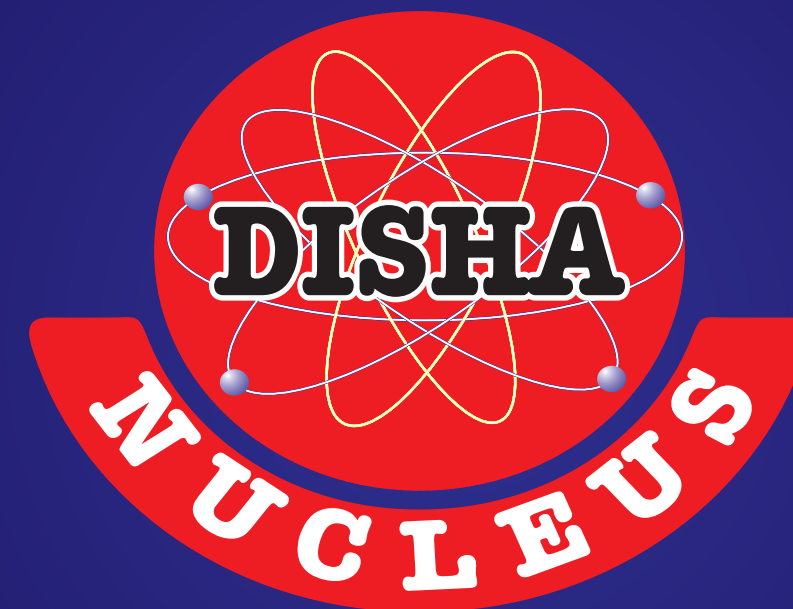
Website : www.dishanucleus.in

20 Years of Service to Education...

DISHA
NUCLEUS, BHAGALPUR

Senior Secondary School (Science & Commerce)

Institute for JEE (Main & Advanced) / NEET/ CA Foundation/CS



PROSPECTUS
Session : 2022-2024

Near Ghuran Peer Baba Chowk, Chhoti Khanjarpur, Bhagalpur-1

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Mission & Vision

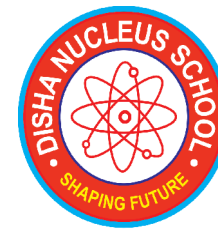
From a humble beginning in the year 2003 Disha Nucleus has come a long way. Since its inception the institution has left no stone unturned to serve the people of Bhagalpur and its adjoining areas in the field of education. Disha Nucleus has lead the cause of education without any discrimination of caste, creed and religion. At Disha Nucleus we train the students in the field of science and commerce with such modus operandi that they not only learn and gain knowledge in the best possible way but also get fully equipped for competitive exams like JEE, NEET, AIIMS, CPT etc.

We believe that the ultimate objective of education is to inculcate human values in the students. The importance of human values has been aptly emphasised by educationists and commissions (1964-66) The National Policy of Education (1986) observed that at the stage of secondary education the students should be provided opportunities to understand their constitutional duties and right as the citizens of India. The environment of an institution must be properly formulated to bring about a conscious internalization of healthy work ethics and values of a humane and composite culture.

Despite the phenomenal increase in the educational institutions across the city of Bhagalpur and perceptible improvement in the literacy rate, there has been a deterioration of human values among students. In the rat race of so called success in competitive examinations, students have become cold towards others. Sympathy, charity, selfless service and help are missing especially in cities. This is a matter of great concern for educationists not only in our city but all over the country.

Well in our institution we have employed such strategies of conditioning, learning or socialisation. Which make our education value-oriented. The core group of the institution sees to it that teachers along with knowledge, impart human values to the students which will not only make them literate but a good citizen and above all a good human being. We at Disha Nucleus discard stereotype and instead employ novel ways which strengthen the students' Basics and understanding . For this we organize seminars periodically, conducted by experts which completely address the problem of students keeping abreast with the change taking place in and around the nation in the field of education.

Our ancient universities of Nalanda and Taxila focussed on imparting moral education to the pupils. Apart from giving formal education of Scriptures, Vedas and subjects like Philosophy, Religion, etc. the teachers emphasised on the need of healthy body and a healthy mind. For only in a healthy body can remain a healthy mind. So, our institution takes care that appropriate extra curricular activities like Sports tournament, Science exhibition, Cultural programmes, Quiz competitions etc are conducted on a regular basis. Thus we at Disha Nucleus go all out to impart the best through the best. For we believe that only proper direction through human values can teach them the real achievement. thus we welcome all aspirants to our institution for a better and successful tomorrow for we strongly believe that Disha Nucleus is an institution "WHERE THERE IS NO" ALTERNATIVE TO SUCCESS"



DISHA NUCLEUS SCHOOL

(A unit of Chandrakala Sinha Gyanoday Trust)

Rai Pokhar, Rajapur, Badium, Amarpur, Banka (Bihar) - 813101

Contact No. :0641-2420513 Website : www.dishanucleus.com

AFFILIATED TO CBSE, NEW DELHI, UPTO SENIOR SECONDARY LEVEL

AFFILIATION NO.: 331023

School No.: 66764



English Environment

Disha Nucleus will assure that your ward communicates in English within a year.



Dedicated Teachers

We have a team of dedicated and experienced teachers.



Career Based Teaching

Activity based learning approach to stimulate the holistic development of multiple intelligence.



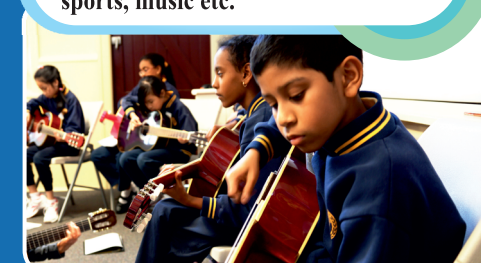
Smart Class

Smart class strengthens the learning process through visual sensory method.



Extra Curricular Activities

Focus on fine arts, performing arts, sports, music etc.



Additional Support

Transport Facility. Security and surveillance. Guidance and Counseling cell. Strong Management team.



RULES AND REGULATION

This document informs you of the various Rules and Regulations of Disha Nucleus . Please read this carefully and sign at the end for acceptance.

1.

Fee once paid will not be refunded or adjusted at any stage and under any circumstance.
2.

Change in GST is subject to matter of government rule.
3.

Students enrolled at Disha Nucleus have to maintain proper decorum in the institute premises at all times. Indiscipline of any form or misbehavior with staff could lead to suspension/restigation.
4.

Student who frequently come late to the institute may not be allowed in the institute premises.
5.

If a student is absent from classes more than three days in a row he/she is required to inform the director(Acedemics) In case of absenteeism for long periods without any prior information, the admission of student may deemed cancelled without any notice and without any refund of fee.
6.

Any disputes is subject to arbitration and jurisdiction of court of Bhagalpur only.
7.

Any change of address should be notified to the office administration without delay.
8.

Student must be in possession of Disha Nucleus card while coming for classes and must produce the same for scouting by the staff, before entry. Identity cards lost or misplaced will be replaced with duplicate identity card on depositing a passport size photograph and 100/-
9.

Non Payment of installment by specified date may lead to suspension of the ward from the classes.
10.

The use of mobile phone is strictly prohibited in school campus.
11.

The student is responsible to see for himself/herself whether he/she is eligible for a certain examination / course or not. The institute would not be responsible if the student’s admission form is not forwarded or is rejected on any ground. Getting admission form and submitting to the examining body for JEE/Medical/C.A/C.S other entrances will be the sole responsibility of students/parents.
12.

Students enrolled with Disha Nucleus have to submit a photocopy of their admit card and application form of JEE/Medical/C.A/C.S other entrance examination as soon as they receive it. Failing of which the student would not receive any package, test series
13.

Disha Nucleus reserves the right to use the photographs and testimonial letter of the student in any promotional/publicity material of the institute.
14.

In order to help the students, the institute may provide information about some private hostels being run in the vicinity of the institute. Disha Nucleus does not take any responsibility for any hostel whose information may be provided by it.
15.


Disha Nucleus reserves the right to change or alter the classroom programs, fee or rules and regulation without any prior notice to anybody. The management’s decision shall be final and binding on the student and parents.

Date :

Signature of Parent/Guardian


Signature of Student

Our Strength




Physics

Er. Ram Krishna Sinha
B.Tech (Electrical & Electronics)
20 Yrs. Exp.
Honoured by "Bihar Shiksha Ratna "




Commerce

Dr. Vivek Kumar
Ph.D
B.Ed.,M.Com
14 Years Exp.




Biology

Dr. P. K.Verma
M.Sc., Ph.D., Net
31 Yrs. Exp.
Author For
Students Friends' Pub.
(IX,X,XI,XII)




Economics

Dr. Prem Shankar Singh
Ph.D
M.A (Economics)
30 Years Exp.




Biology

Mr. Santosh Kr. Sharma
M.Sc (Botany)
13 Yrs. Exp.




Mathematics

Er. Deepak kumar
B.Tech (Mech.)
B.Ed.
B.C.E., BGP
8 Years Exp.




Chemistry

Dr. A.K. Dwivedi
M.Sc., Ph.D.,
UGC-NET (JRF)
CSIR (SRF)




Mathematics

Mr. Abhishek Kr. Sinha
M.Sc.
14 Yrs. Exp.




Chemistry

Er. Md. Zeeshan Ahmad
B.Tech (Mechanical)
(B.C.E. BGP.)
9 Yrs. Exp.



English






Dr. Sumit Dutta
M.A, B.Ed., M.Ed.
DISM, Ph.D
22 Years Exp.
"Rashtriya Shiksha Ratna Awardee"



Chemistry









Mr. Ajit Kumar
M.Sc.(Chemistry)
B.Ed
17 Yrs. Exp.

Administration Department













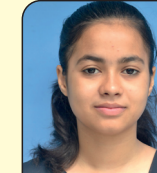


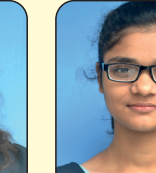
Binod KumarPradeep KumarMd. Azad KhanManish KumarVikash Verma

Our Toppers














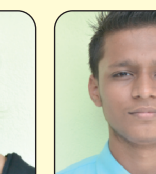
School Science Topper in CBSE (12th) 2020  SAIMA RAHMAN 95%	School Commerce Topper in CBSE (12th) 2020  KESHAV KUMAR 94%	3rd Rank in CBSE (12th) 2019  JAYANT KR. GUPTA 97% JEE Main Percentile - 98.8	JEE Advanced 2021  SHREYASH AIR-717
NEET 2021  Rushali Yadav AIR-296	C.A Foundation  ABHINAV KUMAR	C.A Foundation  UTSAV ANAND	C.S Foundation  PRIYANKA

All Results from our regular school programme.

Our Results in CBSE 12th 2021

 Mudita Manjul 94%	 Richa Rani 94%	 Saurav Suman 93%	 Vaibhav Sharma 93%	 Akash Kr. Sah 93%	 Riya Raj 93%	 Sumit Kumar 92%
 Abhinav Kumar 92%	 Akanksha 91%	 Annu Sakshi Tudu 91%	 Anchal Kumari 91%	 Rishi Raj Gautam 90%	 Shrutika Shree 90%	 Mona Kumari 90%

Our Results in CBSE 12th 2020

 Saima Rahman 95%	 Rushali Yadav 94%	 Ayushi Bharti 94%	 Keshav Kumar 94%	 Md. Taumique Ahmad 94%	 Neha Kumari 93%	 Ayesha Mati 93%
 Nitika 93%	 Md. Shayan Intekhab 93%	 Shubham Kumar 92%	 Saurav Kr. Gupta 91%	 Fatima Yusra 90%	 Ishita Pandey 90%	 Rohan Kumar 90%



DISHA

NUCLEUS

REGISTRATION FORM

Adm. No.

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COURSE TO CHOOSE	
C.B.S.E. SCHOOLING WITH	PCM <input type="checkbox"/>
	PCB <input type="checkbox"/>
	COMMERCE <input type="checkbox"/>
OTHERS(Specify) _____ Counsellor's Sign _____	

Paste Passport size photo here

- 3 signed passport & 1 stamp sized photo
- Photocopy of Class X/XII Board Marksheet

PERSONAL DETAILS(Fill in Block Letters)	
Name _____	D.O.B. ____/____/____
Gender : Male <input type="checkbox"/> Female <input type="checkbox"/>	Aadhar No. _____
Category : Gen <input type="checkbox"/> OBC <input type="checkbox"/> SC <input type="checkbox"/> ST <input type="checkbox"/>	Nationality _____
Mobile No : _____ (Student)	Blood Group _____
	ONLY CHILD <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>
Father's /Guardian's Name _____	Designation _____
Mother's Name _____	Designation _____
Complete Address _____	
City _____	Dist. _____ Pin _____
Mobile No. 1 _____	Mobile No. 2 _____

DETAILS OF LAST EXAMINATION PASSED					
Class	Board	Year of Passing	Grade/Percentage (%) secured		Overall CGPA/Aggregate Percentage (%)
			Science	Maths	

Last School Attended _____ City _____

How did you get to know about us? Old Student ☐ Friends / Family ☐

Newspaper ☐ Hoarding ☐ Others ☐

Ref. By : Mobile / ADM. No.: Sign.....

FEES & Payment Options Details							
One Time Payment	Course Fee	Scholarship	Remarks	Gross fee	GST	Fee Payable	Accept & Sign
Installment Payment	1st Installment	2nd Installment	3rd Installment	4th Installment	5th Installment	6th Installment	Accept & Sign
	Date & Amount	Date & Amount	Date & Amount	Date & Amount	Date & Amount	Date & Amount	

Date :

Signature of Parent/Guardian

Signature of Student

DISHA NUCLEUS SCHOOL PROGRAMME

Science Stream (C.B.S.E. Board) : Our School program is one of the most effective courses for CBSE board and JEE/PMT examination preparation. This program prepares students for both school curriculum (Physics, Chemistry, Mathematics/Biology & English) and JEE/PMT exams. Extra care is taken to ensure that the sudden transition from class X to XI goes smoothly along with JEE/PMT examination preparation. Besides the academic inputs, the course has been designed with lot of stress being laid to motivate the students from time to time.

Course Details		Fee Payment Details	
Eligibility	Xth Pass Student	1st installment (at the time of admission)	₹ 60,000/- +GST Extra
Target	Board/JEE/Medical/K.V.P.Y	2nd installment (first week of September)	₹ 25,000/- +GST Extra
Adm. Procedure	Direct Adm./Screening test	3rd installment (first week of December)	₹ 25,000/- +GST Extra
Session starts	24th June	4th installment (first week of March)	₹ 20,000/- +GST Extra
Class Interaction	Daily	5th installment (first week of June)	₹ 10,000/- +GST Extra
Course Duration	2 years		
Course Fee	1,40,000/- + GST Extra		
Additional Benefits	1. CBSE Registration 2. Free coaching classes for JEE/NEET/CUET/KVPY		

Commerce Stream (C.B.S.E. Board):- In today's world commerce is not only limited to the field of trade but it has spread far beyond. Commerce and commercial studies today play a major role in almost all spheres of development. Our two year school programme in commerce has been designed in such a way that it not only fulfills the curriculum needs of the students but also makes students aware of the latest development in the field of Finance and Business, and face any challenge, whether it be board exam or CA Foundation and come out as winners.

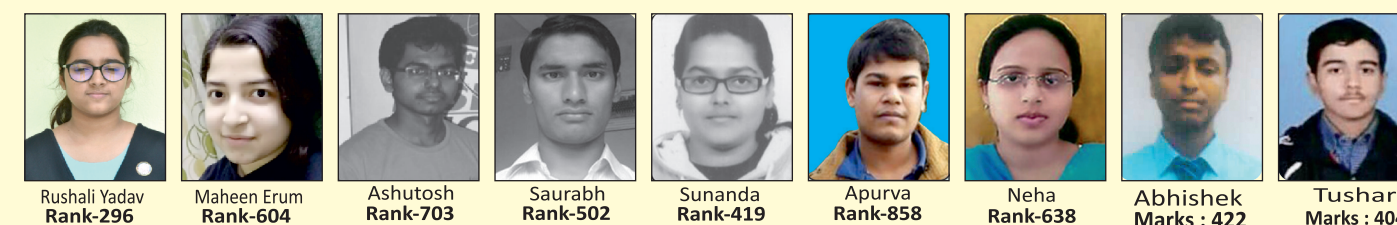
Course Details		Fee Payment Details	
Eligibility	Xth Pass Student	1st installment (at the time of admission)	₹ 60,000/- +GST Extra
Target	Board/CPT/CS	2nd installment (first week of October)	₹ 20,000/- +GST Extra
Adm. Procedure	Direct Adm./Screening test	3rd installment (first week of January)	₹ 20,000/- +GST Extra
Session Start	24th June	4th installment (first week of April)	₹ 10,000/- +GST Extra
Class Interaction	Daily		
Course Duration	2 years		
Course Fee	1,10,000/- + GST Extra		
Additional Benefits	1. CBSE Registration 2. Free coaching classes For coaching C.A/C.S		

Note :- 1. Additional 10% concession on Fee for one time payment mode.
2. Expenses for Uniform, Books, Practical, Cultural events are not included in Course Fees.

Our Achievers in JEE Advanced



Our Achievers in NEET/AIIMS



Our Achievers in C.A/C.S Foundation



OUR TOP PERFORMERS



HOW WE NURTURE

REGULAR CLASS (For Board Exams)

To give students best and most effective practice, we provide them with study materials and daily tutorial sheet (DTS) developed by our expert faculty. Study material are kept updated with new problems and concepts. We develop an exclusive exercise package every year which contains best questions for ensuring success in competitions.



DAILY COACHING (For Competitive Exams)



DOUBT CLEARING (To Address Queries)

Students often encounter doubts in theory, concepts or problem of assignment, DTS or the study package. To help them overcome these doubts we have introduced the concept of SDCC (Student's Doubt Clearance Cell), Where at least one faculty member of each subject is available during working hours of the institute. Without any prior appointment students can take help of this cell during office hours and at times convenient to them....!!



Continued.....

SYLLABUS FLOW

Accountancy

Chapter	Hours
Introduction to Accounting	3
Basic Accounting Terms	3
Theory Base of Accounting, Accounting Standards and Indians Accounting Standards (Ind-AS)	4
Bases of Accounting	2
Accounting Equation	6
Accounting Procedures - Rules of Debit and Credit	3
Origin of Transactions - Source Documents and Preparation of Vouchers	3
Journal	16
Ledger	10
Special Purpose Books I-Cash Book	6
Special Purpose Books II-Other Books	6
Accounting of Goods and Services Tax (GST)	10
Bank Reconciliation Statement	8
Trial Balance	3
Depreciation	16
Provisions and Reserves	4
Accounting for Bills of Exchange	10
Rectification of Errors	8
Financial Statements of Sole Proprietorship	10
Adjustments in Preparation of Financial Statements	15
Accounts from Incomplete Records - Single Entry System	12

Economics

Study module 1	Hours
Part A :- Statistics for Economics	
Unit 4 :- Measurement Dispersion	20
Unit 5 :- Correlation	22
Unit 6 :- Introduction to Index Number	24
Part B :- Introduction for Micro Economics	
Unit 1 :- Introduction	8
Unit 2 :- Producer behaviour & market supply	34
Unit 3 :- Forms of market and price determination with simple application	34

Business Studies

Chapter	Hours
1. Nature and Purpose of Business	18
2. Forms of Business Organisations	24
3. Public, Private and Global Enterprises	18
4. Business Services	18
5. Emerging Modes of Business	10
6. Social Responsibility of Business and Business Ethics	12
7. Sources of Business Finance	30
8. Small Business	16
9. Internal Trade	30
10. International Business	14

English

A. Reading Comprehension Unseen Passages	
(B) Creative Writing	
(i) Notice	2
(ii) Letter	2
(iii) Speech	2
(iv) Posters	2
(C) Grammar (Full)	21
C.B.S.E Syllabus	
(i) Determiners	2
(ii) Tense	2
(iii) Re-ordering Sentences	2
(D) Literature	
(i) Hornbill (Full)	20
(ii) Snapshots (Full)	20

SYLLABUS FLOW

PHYSICS

Study module 1

Hours

Mathematical Tools (Graphs & Vectors)	6
Physics and Measurement	2
Kinematics	6
Laws of Motion	12
Work, Energy and Power	4

Study module 2

Rotational Motion	12
Gravitation	10
Properties of Solids and Liquids	6

Study module 3

Kinetic Theory of Gases and Thermodynamics	10
Oscillations	8
Waves	10

MATHEMATICS

Study module 1

Hours

Sets, Relations, function (XI PORTION)	15
Trigonometric Ratios & Identities	5
Trigonometric Equations	5
Heights and Distances	3
Complex Numbers	10
Quadratic Equations	5
Mathematical Induction	5
Permutations and Combinations	10
Binomial Theorem & Its Simples Applications	5
Sequences and Series	10

Study module 1

Cartesian co-ordinates	5
Straight Line	7
Pair of Straight Lines	5
Circle & Family of Circles	10
Conic Sections	10
Limits & Derivatives (XI portion)	5
Three Dimensional Geometry (XI portion)	4
Statistics	5
Probability (XI portion)	7
Mathematical Reasoning	5

CHEMISTRY

Study module 1

Hours

Some Basic Concepts of Chemistry	7
States of Matter (Gaseous & Liquid)	8
Atomic Structure	18
Classification of Elements & Periodicity in Properties	18
Chemical Bonding and Molecular Structure	14
Chemical Thermodynamic	14
Equilibrium	17
Redox reactions	4

Study module 1

Hydrogen	4
s-Block Elements	6
Some p-Block Elements (B, C)	6
Purification and Characterisation of Organic Compounds	3
Some Basic Principles of Organic Compounds	12
Hydrocarbons	12
Environmental Chemistry	2

BIOLOGY

Study module 1

Hours

Living world	3
Biological classification	10
Plant kingdom	12
Animal kingdom	20

Study module 2

Physiology of digestion	8
Breathing & gaseous exchange	8
Body fluid & circulation	12
Excretion	6
Locomotion & movement	6
Nervous co-ordination(brain,eyes,ear)	18
Chemical control & coordination	12

Study module 3

Cell : unit of life	30
Biomolecules	25
Cell division	10

Study module 4

Transport in plants	12
Mineral nutrition	6
Photosynthesis	8
Cell respiration	8
Plant growth & development	6

HOW WE NURTURE

REVISION CLASS (To Revise Previous Chapters)

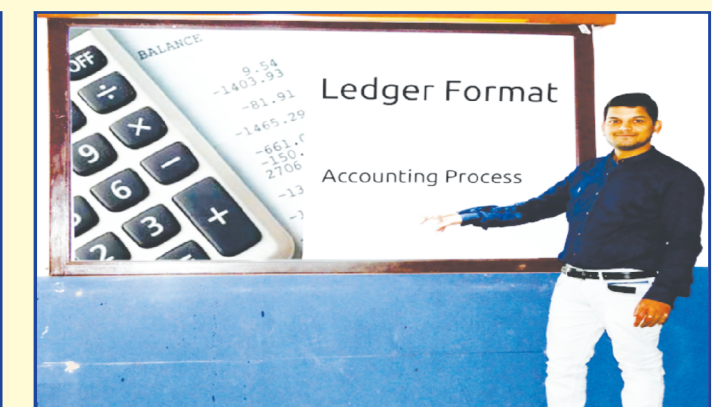


PERIODIC TESTS (To Know Your Strength & Weakness)



MULTIMEDIA CLASS (To Understand Effectively)

Visual representation is always more effective than text. So to present the typical core concept involved in JEE/NEET/CPT preparation in a simple and lucid way, we have provision for multimedia class room where our experts guide the students through different aspects of a problem, which otherwise is very difficult to comprehend via blackboard presentation. This not only enhances their visualization power but also opens a gateway to have a feel and view of problem situation, thus raising their analyzing power to expert level. Now a days Most of the Competitive Exams are computer based, so we try to help students become computer literate.



LAB & ASSISTANCE

PHYSICS LAB



CHEMISTRY LAB



BIOLOGY LAB



MUSIC LAB



LIBRARY



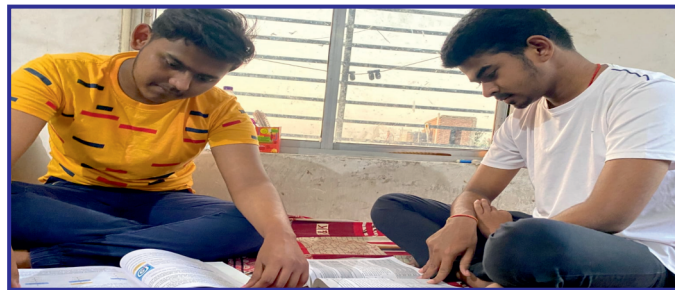
COMPUTER LAB



GIRL'S HOSTEL



BOY'S HOSTEL



TRANSPORT



SEMINAR



WHY JOIN DISHA ?

- ✓ Disha Nucleus School is affiliated to CBSE and offer two streams, Science and Commerce to its students in Class XI and XII.
दिशा न्यूक्लियस C.B.S.E से Affiliated है और छात्रों को 11वीं एवं 12वीं में मुख्यतः साइंस और कॉमर्स में Admission प्रदान करती है।
- ✓ Disha Nucleus has permanent faculty for the last 20 yrs. which has helped the school create a group of eminently experienced teachers.
दिशा न्यूक्लियस में पिछले 20 वर्षों से स्थायी शिक्षक है, जिन्होंने मिलकर विद्यालय को एक अनुभवी शिक्षकों का समूह बनाया है।
- ✓ Classes are conducted in two sessions (Morning & Evening) to help students prepare for both Board Exams and Competitive exams in tandem.
स्कूल में कक्षाएँ दो पाली में (सुबह और शाम) में होती है, जिसके द्वारा विद्यार्थियों को बोर्ड परीक्षा और कम्पीटीशन के लिए सही ढंग से मार्गदर्शन दिया जाता है।
- ✓ Attendance is taken in both sessions (Morning & Evening) and if anyone is found absent, the parents are informed instantly via phone call.
School में सुबह और शाम दोनों वक्त Attendance लिया जाता है और अगर बच्चे Absent होते हैं, तो उनके घर पर तुरंत Call करके जानकारी प्राप्त की जाती है।
- ✓ Regular tests are conducted to cater to the student's need on two levels Board exams and competitive exams.
स्कूल द्वारा विद्यार्थियों के लिए बोर्ड एवं कम्पीटिशन दोनों पैटर्न की मासिक परीक्षाएँ ली जाती है।
- ✓ We conduct Periodic Analysis of student's performance on regular basis.
स्कूल द्वारा विद्यार्थियों की एकेडमिक परफार्मेंस का विस्तृत विश्लेषण रिपोर्ट दिया जाता है।
- ✓ State of the art teaching and easily affordable fees makes Disha Nucleus School most cost effective and the first choice for both students and parents.
दिशा न्यूक्लियस स्कूल में समुचित व्यवस्था, योग्य शिक्षक एवं उचित फीस होने के कारण, बच्चों एवं अभिभावकों का प्रथम चयनित स्कूल है।

Nurturing Method During Lockdown / Covid 19 Period

- ✱ Online Classes
- ✱ Recorded Lectures
- ✱ Online Assignments
- ✱ Online Homework
- ✱ Tests & Discussion
- ✱ Chapter wise Notes
- ✱ Multimedia Class
- ✱ Online Laboratory/Practicals
- ✱ Doubt Clearing Assistance



Note :- Everything taught in online mode was again taught in full in regular class after the lockdown.