



# GRAPHITE



## HIGHER SECONDARY SCHOOL

42 Years of Empowering Education

### 2023-24

Issue -1

# Sadashi

*-The path towards enlightenment*



(Affiliated to CBSE New Delhi, Aff. No. 1030821)  
(Run by Graphite Education & Welfare Society, Mandideep)  
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## *From the President's Desk...*

**All great things begin with a dream.**

**It was our founder Shriyut LN Jhunjhunwala ji's vision to provide quality and affordable education to the children of middle and weaker section of the community residing in the vicinity of our plant in Mandideep.**

**We feel proud to carry forward the vision of our founder.**

It gives me great pleasure to learn that GHSS is launching an e-magazine for students, parents and all other stake holders, who work relentlessly for the betterment of the school. As you are well- aware, this year we have commissioned a sprawling new state-of-the-art building for the senior wing and this has not only increased the scope for more students to be educated from GHSS but also provided ample space and amenities for their growth and development. HEG Management has always placed an emphasis on providing quality and holistic education to the children belonging to communities residing in the vicinity of our plant. We have come a long way from our humble beginning in 1981 inside the HEG campus, running classes up to Class five, to two separate facilities, one housing the junior wing and other the Senior wing.

Over the years we have built capacity and incorporated modern teaching methods and technology to create a world class teaching-learning facility to empower the students using 21<sup>st</sup> century skills and incorporating good values. Today we have labs for languages, Math and IT, a concept that was alien even few years back. We now can speak of a well-qualified and experienced faculties that enhance the learning experience.

I take this opportunity to welcome our new Principal, Mrs Swati Rahatekar to the HEG and GHSS family and I am confident that she will take the school to greater heights.

**Manish Gulati**

SMC President  
&  
Executive Director HEG LTD





# Principal's Desk



## **HOLISTIC EDUCATION....**

### **THE HALL MARK OF GHSS.....**

#### **Empowering students is the mantra.....**

Inside every child is locked a treasure. The aim of true education is to unlock that peculiar bent of the genius by providing a loving and stress-free environment so that, on growing up they transform into an enlightened individual with the right perspective.

We believe in providing a platform to the budding learners for creating a learning environment that is not only innovative, challenging and enterprising but also stress-free, giving children an experience of creativity and imagination. To cater to the demands of present generation learners, we promote extensive use of technology, laying special emphasis on concept clarity. All this happens in an environment of caring and sharing. Thus, imparting holistic education is the hallmark of GHSS.

#### **The commitment and passion.....**

##### **Learner centric education is the intrinsic goal of GHSS.**

The world, at present, needs citizens who are fully aware of their duties towards both society and nature. A matchless blend of values, ethics and scientific temperament is what all the pedagogical practices are aimed at GHSS. This commitment and passion strengthen our vision to make them future global leaders. We have created enhanced infrastructure in line with our commitment so you can learn in a better fashion. Over time our laboratories and learning through experience facilities will grow in keeping with our goals. Our focus on sports and culture will also receive a boost through these additions. The Junior Wing and Senior Wing will have more opportunities and make learning a pleasurable experience.

This E-magazine is another endeavour to grow our cause and commitment. I take this opportunity to wish the editorial team the best to grow this endeavour and I wish all Graphitians a journey towards the brightness of knowledge !

**Swati Rahatekar**  
**Principal**



# EDITORIAL

Dear Reader,  
Greetings !!!

The secret of making progress is to get started as nothing can dim the light which shines within. Welcome to **GRAPHITE'S SODASHI** the introductory digital edition of School Magazine volume -I of Graphite Higher Secondary School, Mandideep. We feel exuberant to acclaim that we are ready with all new hopes and hues to bring out this first digital issue. This e-magazine is to be viewed as a launchpad for the children's creative urges to blossom naturally.

When we are reviewing the work done by our students, we are always awestruck by seeing their fresh, unadulterated, and unbiased perspectives about things and we feel that it is our privilege to witness this all and be a mentor for them in the process. This humble initiative is to set the budding minds free hence allowing them to roam free in the realm of imagination and experience, to create a beautiful world for all. We provide a great platform for these kids to unleash their inner creativity and talent. We have also printed out the activities done, so that it would remain permanently with the kids as a cherished memory. We would like to thank the editorial team of students who work round the clock tirelessly and proactively to format and edit the content. Keep up the good work kids!

We would like to thank our beloved Principal Swati Rahatekar, our energy powerhouse for all her support and guidance.

Lastly, always remember that- "There are no limits to what you can accomplish, except the limits you place on your own thinking"



Swati Rahatekar  
PRINCIPAL

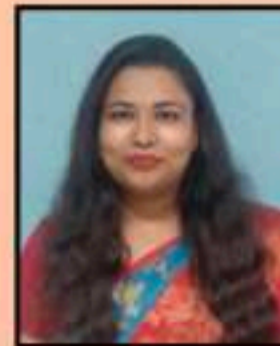
**-Editorial Board**



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HM



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Art & Craft



Tanishq Chouhan-XII A



Mahak Sharma -XI C



Hiral Khandelwal-XI B.



Naman Sahu -XI A.



Rishita Lovanshi - XI B



# Shubharambh



Traditional & Formal Inauguration of Senior wing.





# *We Dreamt- We Did...*



As part of the vision and leadership position, HEG considers its Corporate Social Responsibility a very important aspect of giving back to society. Amongst other activities HEG also runs Graphite Higher Secondary School since its establishment in 1981. In continuation with our policy of growth, Mr. Manish Gulati, Executive Director of HEG & President SMC inaugurated a new state-of-the-art building on March 30, 2023. The construction of this building is aimed for an influx of around 1400 students thereby giving them ample space and amenities for their growth and development. The sprawling new infrastructure is aimed to provide all required facilities for the 21st century learners.

## ***Key highlights of the new venture***

- Spacious and airy classrooms
- Vast ICT Lab
- Huge Multi Purpose Hall
- Music & Dance Room
- Science & Math Laboratories
- A dynamic auditorium
- A well stocked Learning Resource Centre.
- Art & Craft Studio
- Sports Playgrounds
- Vocational Hall
- Conference room



*Only Sky is the limit . . . . .*



Graphite Higher Secondary School started its journey in the year 1981 carrying the Sanskrit saying 'श्रद्धावान् लभते ज्ञानम्' in the school emblem. Loosely translated in English it would mean 'The humble & respectful attain knowledge'.

The growth story of Graphite School from a small structure within the premise of the plant of HEG Ltd to its current form of two distinctive sprawling structure is filled with determination and hard work. The school started by providing a quality education to the children of the workers of HEG Ltd at a nominal and affordable price. Graphite yet continues to provide quality education at an affordable price to its students but only now the scope is far flung with children from all around coming to attend the school. The school has grown in leaps and bound to take place amongst the top schools of Raisen District and around as one of the best schools in the vicinity.

Graphite has a vibrant atmosphere of world class teaching, learning and boasts of a faculty rich in talent and experience. It is the first school of area which provided e-learning in a smart class atmosphere for an efficient method to pride avenue for superior growth of child's mind. It has always been an endeavour of the school to provide its students an overall academic and co-curricular excellence. Graphite teaches it's students to celebrate traditional values and technology; to celebrate peace and harmony. It ensures that students must be in touch with their roots.

Graphite grooms the child's mind, body and spirit through holistic approach. Learning at Graphite is not confined within four walls but the school intends to make students scale new heights in exploring the power of knowledge, through observation of the world outside and contemplation of the world within. Cultural programs, workshops and co-curricular activities not only brushes inherent talent of a child but also give them an extra edge and confidence. The campus infrastructure contains well-appointed classrooms, playground & auditorium; apart from other necessities that are kept clean and hygienic at all time. There are well equipped Maths, Computer, Chemistry and Physics Laboratories; apart from the Art room, Music room & Sports room for designated multitude of activities. Language laboratory and Audio-Visual room at the school polishes students listening and persuasive speaking skills.

Graphite takes proper care of children's holistic growth by integrating & balancing sports, Course Scholar activities with education; thus, enabling sportsmanship and a healthy and fit attitude towards life. The student learns not only to be winner but to be the learner.

Graphite believes in multifaceted knowledge that guides each student to find their inherent, talent, purpose, goals and their North star has created vibrant stars that shine and give light to others.



# OUR PROUD ACHIEVERS OF AISSE

## AISSE -2023

**"Every achievement is servitude. It compels us to higher achievements".**

The students of Graphite Higher Secondary School have showcased a remarkable execution of hard work with laudable 100% result in the CBSE Board Examinations, 2023 of class-X & XII.

**"The remarkable result is the collective hard work, consistency and sincerity of the teachers and students" said the Principal.**

The teachers of the school acknowledge every student for their commendable endeavours, and intense conviction to endure commendable results for the school. Each and every student is declared successful in their attempt to perform phenomenally well in the class X & XII Board Results.

The school acknowledges every student for their praiseworthy accomplishments, and extreme passion to score creditable marks.

### सीबीएससी परीक्षा में एचईजी ग्रेफाइट स्कूल के विद्यार्थियों ने लहराया परचम

पीपुल्स संवाददाता • मंडीदीप  
मो.नं. 7828198478

केंद्रीय माध्यमिक शिक्षा मंडल (सीबीएससी) द्वारा शुक्रवार को 10वीं एवं 12वीं का रिजल्ट घोषित किया गया। रिजल्ट घोषित होते ही विद्यार्थियों के चेहरों पर खुशियां देखने को मिली। शहर में एचईजी ग्रेफाइट स्कूल ने दोनों परीक्षाओं में बाजी मारी।

शहर के 5 सीबीएससी हायर सेकेंडरी स्कूल हैं। 12वीं में ग्रेफाइट स्कूल की कॉमर्स संकाय की छात्रा भूमिका मगरानी ने



भूमिका

पीयूष पटेल

95.2 प्रतिशत अंक प्राप्त कर शहर में प्रथम स्थान प्राप्त किया। वहीं दसवीं में शहर के 6 स्कूल शामिल हैं। इसमें ग्रेफाइट स्कूल के पीयूष पटेल ने 96.2 प्रतिशत अंक प्राप्त कर प्रथम स्थान हासिल किया।

### मंडीदीप में सीबीएससी स्कूल में एचईजी ग्रेफाइट स्कूल ने लहराया परचम

सीबीएससी हाई सेकेंडरी स्कूल में ग्रेफाइट स्कूल की भूमिका ने 95.2% अंक प्राप्त किए तो हाई स्कूल में पीयूष पटेल ने 96.2% अंक प्राप्त कर बाजी मारी

रजनील खलत, प्रकाश खत्री

मंडीदीप: शहर में केंद्रीय माध्यमिक शिक्षा मंडल सीबीएससी द्वारा शुक्रवार को 10वीं एवं 12वीं का रिजल्ट घोषित किया गया रिजल्ट घोषित होते ही विद्यार्थियों के चेहरों पर खुशियों की प्रकान देखने को मिली जिसमें शहर में एच ईजी ग्रेफाइट स्कूल ने दोनों परीक्षाओं में बाजी मारी हाई सेकेंडरी स्कूल में शहर के 5 स्कूल सीबीएससी हैं जिसमें एच ईजी ग्रेफाइट स्कूल, अनंत उत्सव स्कूल, राज हाइट्स स्कूल, कृष्णा वैली स्कूल एवं चावरा स्कूल शामिल हैं। 12वीं में ग्रेफाइट स्कूल की कॉमर्स संकाय की छात्रा भूमिका मगरानी ने 95.2% अंक प्राप्त कर प्रथम स्थान की बाजी मारी



BHUMIKA MANGRANI  
23.06.2022



PIYUSH PATEL  
30/06/2023

गरीब वर्ग से पढ़ने वाली छात्रा पिता मोहन मग रानी कपड़े का दुकान चलाकर अपनी रोजी-रोटी कमाकर बच्चों को उत्कृष्ट शिक्षा प्रदान करने के लिए हमेशा अग्रसर रहे हैं शहर में टीप करने

वाली भूमिका प्रतिदिन 2 से 4 घंटे स्कूल एवं कॉलेज की पढ़ाई के बाद अध्ययन करती थी जो कि सीएस बनने के लक्ष्य के साथ आगे बढ़ाई कर रही है वहीं दूसरे स्थान पर राज हाइट्स

स्कूल की कॉमर्स संकाय की छात्रा काजल श्रीवास्तव ने 94% अंक प्राप्त करें एवं तीसरे स्थान पर ग्रेफाइट स्कूल की छात्रा प्रजा बैरागी ने 93.2% अंक प्राप्त कर बाजी मारी वहीं दसवीं में शहर के 6 स्कूल शामिल है एच ईजी ग्रेफाइट स्कूल, अनंत उत्सव स्कूल, राज हाइट्स स्कूल, कृष्णा वैली स्कूल चावरा स्कूल एवं मंगलम स्कूल को शामिल किया गया, जिसमें ग्रेफाइट स्कूल के पीयूष पटेल ने 96.2 प्रतिशत अंक प्राप्त कर प्रथम स्थान पर बाजी मारी जो गरीब परिवार से रहने वाली पिता क्राइस्टन ग्रिप कंपनी में काम करके अपने बच्चों को उत्कृष्ट शिक्षा प्रदान करने में कोई कसर नहीं छोड़ते थे बिना

कॉलेज के प्रतिदिन 10 से 12 घंटे कड़ी मेहनत लगाने की बदौलत पीयूष ने शहर में प्रथम स्थान पर बाजी मारी जो आईआईटी करके अपने माता-पिता का नाम रोशन करना चाहता है वहीं दूसरे स्थान पर ग्रेफाइट स्कूल के छात्र भरत मेवाड़ा रहे जिन्होंने 94.4 प्रतिशत अंक प्राप्त किए तीसरे स्थान पर कृष्णा वैली स्कूल की अरिक्ता यादव ने 93.8% अंक प्राप्त कर बाजी मारी रिजल्ट घोषित होते प्रतिभागियों को अर्थात् का सिलसिला सोशल मीडिया पर देर रात तक चलता रहा प्रतिभागियों ने इस मुकाम पर पहुंचने का श्रेय माता-पिता और स्कूल संचालकों एवं शिक्षकों को दिया है।



**GRAPHITE HIGHER SECONDARY SCHOOL, MANDIDEEP**

Affiliated to CBSE, New Delhi (Affiliation No. 1030821)

### OUR HIGH FLYERS OF AISSE-2023



BHUMIKA MANGRANI  
95% (Commerce)



PRAGYA BAIRAGI  
83% (Com)



SWATI GAWHADE  
90% (Com.)



SHIVALI CHOUHAN  
87% (PCM)



SURBHI SARATHE  
86% (PCM)



VASUDHA GURJAR  
86% (Com)



SHREYA PANDEY  
86% (Humanities)



ABHISHEK SHRIVASTAVA  
89% (Com.)



RISHI SHARMA  
84% (Com.)



HARSH AGRAWAL  
83% (Com.)



ARUN PATEL  
82% (PCB)



RITU LODHI  
82% (Com.)



DEEPIKA RAGHUVANSHI  
81% (Com.)

### OUR HIGH FLYERS OF AISSE-2023



PIYUSH PATEL  
96.2%



BHARAT MEWADA  
94.4%



HIRAL KHANDELWAL  
92.8%



AVNI RATHORE  
92.2%



YUVRAJ SARATHE  
92.2%



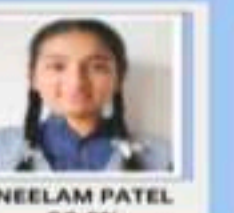
HARSHITA RATHORE  
91.6%



SANJEEV S. SISODIYA  
91.4%



LALIT SAHU  
90.8%



NEELAM PATEL  
90.8%



RISHITA LOVANSHI  
90.6%



VANISH SHARMA  
90.2%



NAMAN SINGH GAUR  
89%



# 77<sup>th</sup> Independence Day

Graphite Higher Secondary School celebrated 77th Independence day with great enthusiasm on 15th August 2023. The school campus was beautifully decorated to commemorate the day. All the students, teachers, non-teaching staff gathered in the school premises on this auspicious day. The Principal hoisted the National Flag and the entire vicinity was filled with the National Anthem. Honourable Principal motivated the students through a speech.

A cultural programme was also held in the school where students of all classes participated. Some students performed a patriotic song, some performed a patriotic dance, and some dressed up as freedom fighters and played their roles. Sweets were distributed among all the students and staff.





# PADACHINHA

A career counseling session was organized by Graphite Higher Secondary School , Mandideep on July, 2023 for the students of XI & XII to make them aware about various opportunities and trends in field of information technology.

The resource persons for the session were alumni of Graphite school, Jai Chouksey , Shubham singh and Abhishek Pal .

They gave a brief introduction about various opportunities and scope in the field of IT like Database Administrators, Software developer ,Information security analyst , App developer, cyber security ,Software engineer . They talked about how to focus on chosen career and what are the efforts to be put into making a dream come true. The students cleared their doubt by asking questions regarding confusion really they face while choosing their career .

It was a very informative day for the students and they were highly motivated and got to know about various opportunities in the field of Information technology.





# HAR HAATH KITAB campaign

Har Haath Kitab is a campaign highlighting SDG goal no. 12 Responsible consumption & SDG goal no. 4 Quality Education, students were asked to deposit unused blank pages from last year's notebooks. Students binded the blank pages and made new notebooks which were distributed to needy students. The objective of this campaign is to promote literacy by donating books to deprived children.





# EXPERIENTIAL LEARNING

## - Visit to Nardep



A five day experiential learning trip was organized from May 10 to 14 for LNJ schools based on "Technologies and Sustainable Development Goals" held at Kanyakumari , Nardep centre. Two of our teachers Ms. Keerti Khapre & Ms. Ranu Tiwari along with two students Mas. Piyush Patel & Mas. Bharat Mewada attended and participated from Graphite School. The Hands on training were given on various topics like making different types of compost , organic Architecture , rainwater harvesting , Ferro cement technology & environment in day to day life. On the whole , the visit was very informative and enjoyable for the students and teachers.



Established Connection  
with Physics, Botany  
and Physiology  
Proposed laboratory  
the year before Kannad - 1991  
Discovered  
the year of 1991 - 1991  
Proposed laboratory  
of 1991 - 1991  
Some practicals have  
dedicated to collected works to  
"The Greatest  
Living Biologist J.C. Bose"



# SPACE ACTIVITY

## “FUN WITH THE SUN”



Young Graphitians of classes IX to XII enthusiastically attended the astronomy workshop on April 22, 2023 organised by Aryabhata Foundation, Bhopal. They explored about the structure of sun and came to know about solar spectrum. Solar flares, sun spot etc. Students also learned about the safety measures to be taken while watching the sun and the solar eclipses. The uses of safe guards like solar box, nichrome glass and eye shields etc. The workshop enhanced their astronomical knowledge and inculcated scientific temperament in them.



## “Zero Shadow”



Zero shadow activity and Eratosthenes experiment was conducted in the Graphite school premises on April 17, 2023, where the students of classes IX & X participated enthusiastically. This workshop was conducted in association with Aryabhata foundation, Bhopal. The resource person Mr. Akash explained the concepts of zero shadow to the students and let them perform an activity to observe the phenomenon of zero shadow. Students were also came to know about the reasons of occurring day & night, change in weather etc. shankuyantra and nadivalay-yantra was the centre of attraction which triggered the young minds to learn and understand the real beauty of Physics.



# SPORTS ACTIVITY

## MICRO-LIGHT AIRCRAFT FLYING TRAINING



On April 26, 2023 Graphite school's National Cadet Corp 2<sup>nd</sup> year wing cadet Hardik Malviya, Lakshya Yadav, Vanshika Chouhan, Ishita Tomar along with ANO T/O Nirmal Yadav visited NCC Hanger , Bhopal airport. The young Graphitians got flying training of Micro-light Virus VT

80-HP aircraft by Group captain R.S. Jadhav (commanding officer, Bhopal) and learned techniques of ATC landing, ATC takeoff, runway, taxiway etc.

By this experiential learning activity students heart was filled with adventure and it got them thinking about new career opportunities.





# EXPERIENTIAL LEARNING & BAGLESS DAY

## Educational Visit to Regional Science Centre on G-20 Innovation Festival 2023



### 'NO BAG ONCE A WEEK AIDS CREATIVE AND HOLISTIC LEARNING'

Over 110 Students of Graphite Higher Secondary School (Class IX & X) registered their presence in the innovation fair organised by Govt. of MP under its MSME department during Innovation Festival 2023 between 11 to 13 April 2023 at Regional Science Centre Bhopal.

Such innovation fairs foster the culture of innovation and nurture the very culture of Start-up eco system amongst school students by encouraging them to think critically, all the students learned many innovative ideas from the project /model design demonstrations presented by the participants from 50+ schools & colleges of Madhya Pradesh.



# SCIENCE ACTIVITY

## SCIENCE MODEL CONTEST-2023 @RSC



The science lover Graphitians Pushpa Parmar & Vedika Dixit along with Guide teacher Ms. Shalini Jain participated in SCIENCE MODEL CONTEST-2023 organised by Regional Science Centre , Bhopal on April 12,2023 on the occasion of Innovation Festival-2023 organised by Govt. of MP under its MSME department.

The students made the working model of HYDROPONICS and gave presentation of its working, principle, utility and importance, and also faced the questions encountered by the visitors and experts of scientific and research institutes confidently. Both the participants along with the guide teacher were felicitated with participation certificates.



# SPIC MACAY 8th INTERNATIONAL CONVENTION

To conserve and promote an awareness of the rich cultural tapestry of India among the youth through focus on the classical arts with its rituals, mythology and philosophy and to promote intense - value based education, which involves the absorption of aesthetics and spirituality in an increasingly technical, mundane competitive world.

The students of Graphite Higher Secondary School attended SPIC MACAY 8th International conference held at VNIT, Nagpur from May 29,2023 to June 4, 2023, where the students experienced the cultural heritage of India in and Ashram-like environment. Students also got the chance to closely interact with the Padmashri artists and learn from them.





# WELCOME ASSEMBLY



The new session 2023-24 commenced on April 4 and 5, with a special assembly conducted by the teachers for the welcome of students. The students were welcomed by tilak and they enjoyed clicking pictures on different selfie stands and waving at their teachers.

The day started with the Principal, Mrs. Swati Rahatekar welcoming the students with her valuable speech and introduced Headmistress (Primary wing) Mrs. Neha Dubey and teachers who joined the school in this new session.

The assembly began with Gayatri Mantra, followed by prayer, thought for the day, news, pledge, word of the day. The assembly had some activities based on riddles and puzzles.

The assembly concluded with the national anthem and students were accorded towards their classes.



# GREEN DAY 🌳 CELEBRATION



Green is the colour of life, nature and energy. It is associated with growth and prosperity. The learners of Pre-Primary celebrated 'Green Day' on July 18, 2023. The motive of celebrating green day was to make the students aware of how colour makes our world a better place. The Students learnt about the importance of green colour and where it is mostly found. Students were taught the identification and recognition of green fruits, vegetables, leaves, and trees. Many activities and games pertaining to green color were organized for the kids.



# RED DAY CELEBRATION



Red Day was celebrated during the CCA period in the Pre - Primary wing wherein the learners got the knowledge about the red fruits and vegetables. This activity helped learners to sort and classify objects based on colours. These activities also developed creativity and self confidence in the learners.





# WORLD HEALTH DAY



World Health day with the theme "Health For All" was celebrated on April 6, 2023. The day started with Ms Pooja Dwivedi, Social Science Teacher explaining the importance of healthy life to students during morning assembly.

Various activities like yoga , meditation, health for wealth Rally, finger puppets showing healthy food, poster making, thumb printing for Pre- Primary kids were conducted in the school premises for creating awareness and making students understand the importance of a healthy life. Students also participated and enjoyed the day.



# EARTH DAY CELEBRATION



On the occasion of Earth day-2023 students of GHSS participated in oral interactive Science Quiz organized by Regional Science Centre, Bhopal. The students encountered with the questions based on the theme 'Save Planet Earth'. About 20+ schools participated in the competition where the students of Graphite grabbed many exciting gifts and felicitated with the participation certificates. The team spirit shown by the Graphite students was commendable. Also to spread the awareness about earth day various activities like poster making, green pledge, origami etc were done by young Graphitians.





# SUMMER BONANZA BAGLESS DAY (Junior Wing)

On April 29, an event named "Summer Bonanza- Fun Under The Sun" for the students of Nursery to V was celebrated on the last working day of school before summer vacations. The event started with beautiful dance performances and skit by Pre primary kids, Poetry recitation by class I students and Summer benefits explained by the students of class II through a presentation. The Principal expressed her love and blessings to students and also announced the most awaited summer vacations and holiday home fun.





# INTERNATIONAL YOGA DAY



The school celebrated International Yoga Day on June 21, 2023 under the theme "Vasudhaiva Kutumbakam". On this occasion various warm up exercises were taken and all students, including teachers performed those Warm up exercise, Yoga aasan and other exercises. The importance of each exercise was explained simultaneously. Due to the extension of summer holidays, online Yoga Session was conducted for the students of Nur. to V, wherein the students participated very energetically.





# MONSOON MANIA

**"The first drops of rain always bring a smile on our faces".**

Rainy Season or Monsoon- the beautiful season of the year is a gift of God to mankind. To acknowledge this blessed gift of God; pre-primary students celebrated -Monsoon Mania in the month of July.

Pre-Primary Wing celebrated Color of the month July as the students and teachers came dressed in different shades of Blue and celebrated "Blue Day", Monsoon Mania on July 22, 2023. Students were introduced about "Monsoon", the rainy season starts in the month of June and extends up to September. Sky looks cloudy with heavy black clouds, everywhere lightening with huge tremendous sounds. Children were asked to open umbrellas, wear rain coats, gum boots etc., they were introduced about the creatures seen during monsoon and about seasonal fruits and veggies too. There was a "Monsoon Mania" amongst the children tapping their feet and enjoying a fun -filled day with lots of learning.





# MADHUKUNJ BOTANICAL GARDEN

## एचईजी ग्रेफाइट स्कूल के बच्चों ने नगरपालिका पहुंचकर 'ग्रीन कॉन्सेप्ट' के महत्व को जाना

**हाथ - बढ़ाओ, वृक्ष लगाओ, धारा बचाओ कार्यक्रम का किया आयोजन नगर पालिका अध्यक्ष एवं सीएमओ ने बच्चों को सौंपे पौधे**

समर्थ सहारा, मंडीदीप।

शहर में बुधवार को एच.ई.जी. ग्रेफाइट हायर सेकेंडरी स्कूल के एसडीजी क्लब के बच्चों ने नगरपालिका पहुंचकर एसडीजी के गोल 14 (भूमि पर जीवन)के अनुसार हाथ - बढ़ाओ, वृक्ष लगाओ, धारा बचाओ कार्यक्रम का आयोजन किया गया। इस आयोजन का उद्देश्य छात्रों के बीच 'गो ग्रीन कॉन्सेप्ट' के बारे में जागरूकता बढ़ाना था जिसके तहत एक वृक्षारोपण अभियान चलाया गया जिसमें स्कूल में वनस्पति उद्यान 'मधुकुंज' विकसित करने के लिए छात्रों को औषधीय पौधे लाने के लिए कहा गया। साथ ही नगर पालिका अध्यक्ष



प्रियंका अग्रवाल एवं सीएमओ सुधीर उपाध्याय द्वारा विद्यार्थियों को पौधों के महत्व बताया गया और महत्व को समझाने के लिए आसपास के क्षेत्र एसबीआई बैंक, अस्पताल आदि में पौधे वितरित किए गए। विद्यालय की

प्राचार्या श्रीमती स्वाति राहतेकर ने विद्यार्थियों को एसडीजी लक्ष्यों का महत्व समझाया। एवं हेड मिस्ट्रेस श्रीमती नेहा दुबे ने छात्रों का मार्गदर्शन किया। यह सभी छात्रों के लिए एक नया अनुभव था इस मौके पर अनेक बच्चे मौजूद थे।

## एक्सप्रेस न्यूज

**नया अध्यक्ष एवं सीएमओ ने बच्चों को सौंपे पौधे**

मंडीदीप (आरएनएन)। शहर में बुधवार को एचईजी ग्रेफाइट हायर सेकेंडरी स्कूल के एसडीजी क्लब के बच्चों ने नगरपालिका पहुंचकर एसडीजी के गोल 14



भूमि पर जीवन के अनुसार हाथ बढ़ाओ, वृक्ष लगाओ, धारा बचाओ कार्यक्रम का आयोजन किया। इस आयोजन का उद्देश्य छात्रों के बीच गो ग्रीन कॉन्सेप्ट के बारे में जागरूकता बढ़ाना था जिसके तहत वृक्षारोपण अभियान चलाया गया जिसमें स्कूल में वनस्पति उद्यान मधुकुंज विकसित करने के लिए छात्रों को औषधीय पौधे लाने के लिए कहा गया। साथ ही नगर पालिका अध्यक्ष प्रियंका अग्रवाल एवं सीएमओ सुधीर उपाध्याय द्वारा विद्यार्थियों को पौधों के महत्व बताया गया व पौधे वितरित किए। प्राचार्या श्रीमती स्वाति राहतेकर ने विद्यार्थियों को एसडीजी लक्ष्यों का महत्व समझाया। हेड मिस्ट्रेस श्रीमती नेहा दुबे ने छात्रों का मार्गदर्शन किया।





# GOOD TOUCH BAD TOUCH

**Wisdom is giving children their wings, along with the rudder of awareness to keep them safe from the prying hands ....**

A day was specially dedicated to safeguard and protect our teeny weeny kids from classes KG I to V and give them the warmth of wellbeing through a deliberately planned programme on "Good touch and Bad touch". The children learnt to identify the "No touch" areas and understood that who are safe adults and whom to report when there is an alarming situation.

They also learnt to handle strangers and say 'NO' to unwanted touches by running away and shouting out loud. They were taught to inform about such happenings to the adults they trust and immediately report if they were told to hide the same from their parents.





# Zara Yaad Karo Qurbani

To let the students know more about the freedom struggle of India about unforgettable heroes, the martyrs, school is conducting various activities like role play, movie show etc. On the occasion of Jallian Wala Bagh Day, a role play was enacted by the students to recreate the scene. Also on the occasion of Kargil Vijay Diwas, a movie was shown to the students of classes VI to VIII to ignite the Indian inside them.





# ULTIMATE BATTLE

Game design is the process of creating and shaping the mechanics, systems, and rules of a game. Gamification and designing makes students active, competent, creative, immersive and an achiever. With this in mind Graphite School's Computer Science department organised an "Ultimate Battle" competition under which Game Design Concept Presentation for senior students and E- Invitation Card Designing for Junior students. Three alumni of the same subject were invited as Judges to motivate and guide the students in that field.

This competition can enhance levels of students' engagement to improve their particular skills and optimize their learning like-

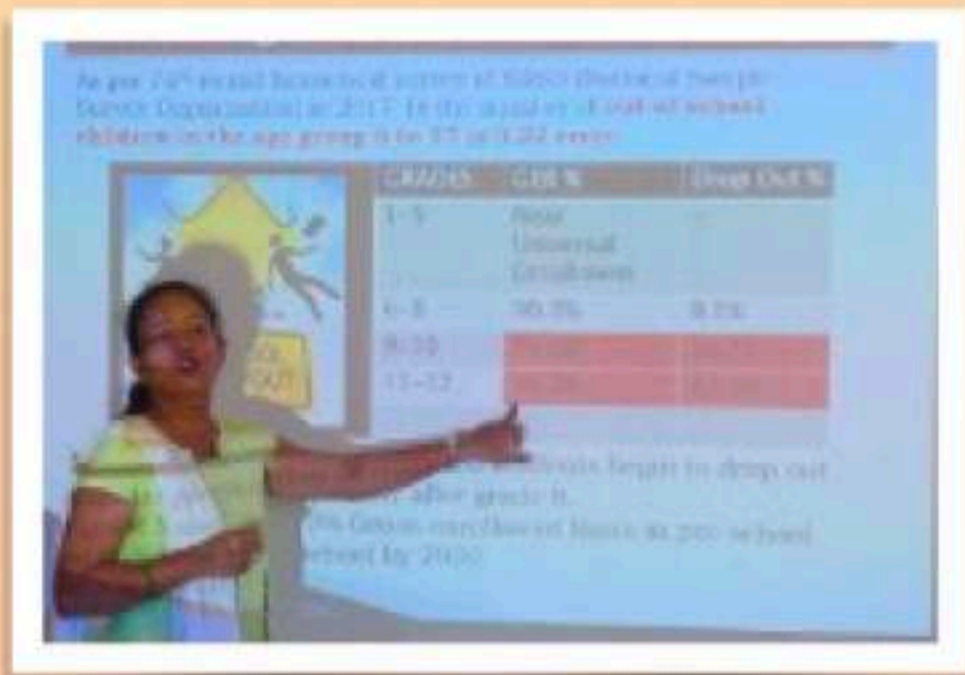
- Increase retention up to 40%.
- Connects learning to the real world.
- Students get hooked on learning.
- Enculcate creativity among students.





# CONTINUOUS PROFESSIONAL DEVELOPMENT TRAININGS

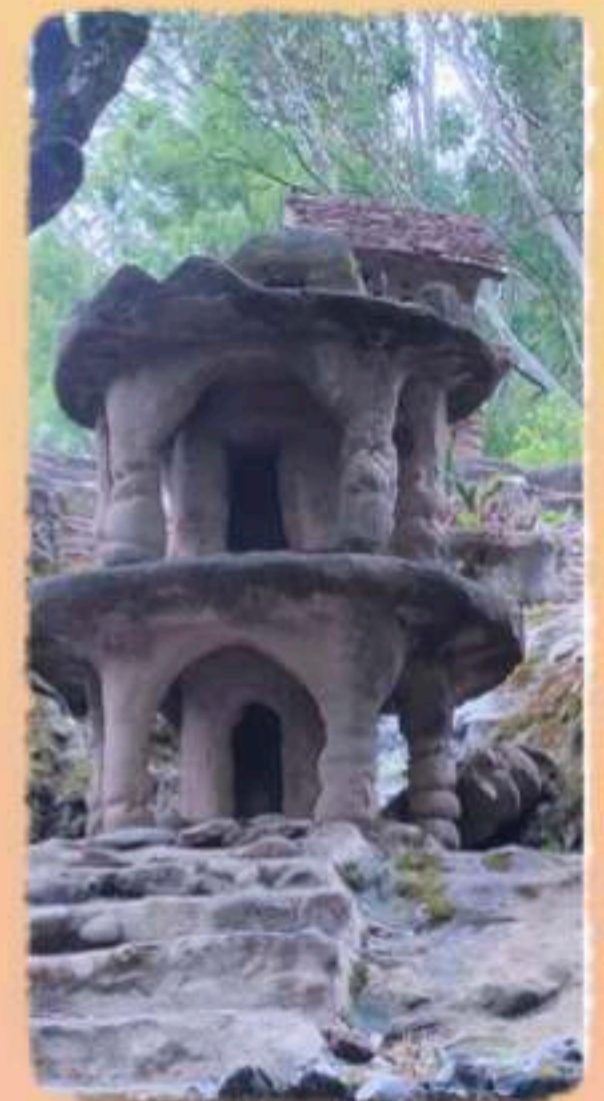
The exhaustive sessions planned for explanation and demonstration of SQAA, NIPUN Bharat, NEP 2020 & NCF FS, during summer break for empowering teachers were executed between June 7 to June 15, 2023. These sessions were taken as a part of cooperative learning where each chapter of NCF/NEP was assigned to a group of two teachers. The teachers prepared on the given topic and explained to their peers in different innovative techniques. These sessions not only gave insight on NCF /NEP to teachers but also boosted their confidence. Also an interesting session was taken by a resource person named Mr. Kuldeep Chouhan from S.Chand Publication on Classroom Management, NEP and 21st Century Skills.





# EMBRACING THE ARCHITECTURAL BEAUTY OF INDIA

Tours give learners an opportunity to see a lot, within a time frame. To let the students embrace architectural beauty of India we made them to visit Dragon Palace Nagpur, Ramtek Mandir Nagpur, Hadimba Temple Manali, Rock Garden Amritsar etc. They got to see a place, its culture, treasures, and big sites, enjoy the cuisine, blend with the locals and then they are off again. Essentially, they get to explore the very best of a place and what it has to offer.





# Manali Trip

School organized a special Nature study cum trekking expedition programme from May 7, 2023 to May 19, 2023 for the students at 15 Miles in district Kullu (HP), the camp included many adventurous activities which boosted our student's with courage, leadership, national integration, team spirit and lots of fruitful achievements. Students started trekking around the base camp and morning exercises helped them to get acclimatized properly. Students also enjoyed the river crossing by different techniques under the guidance of professional instructor. Students also visited famous Roerich memorial. Young hearts filled with happiness when they felt the real adventure while trekking on snow, snow sliding etc. to reach the base of the Chanderkhani. Students participated in lot of recreational activities and bring back to school with lots of good memories.





# Science Competition at Regional Science Centre

## Chandrayan -3 *India's Moon Odyssey*

As a prelude to the launch of Chandrayan-3 by ISRO, Regional Science Centre, Bhopal organised inter-school Audio-Visual Quiz Competition to celebrate this landmark occasion on July 13, 2023. Over 80+ participants from the prominent schools of Bhopal participated in which 10 young Graphitians of classes IX to XII performed enthusiastically. It's a matter of pride that out of 10, 3 students of GHSS secured special position and were felicitated with certificates, science kit and cash prize. Along with that students had interactive sessions with expert on Chandrayan-3. The winners were also appreciated by the Principal in the morning assembly next day.



## MOON LANDING DAY *International Moon Day Celebration*

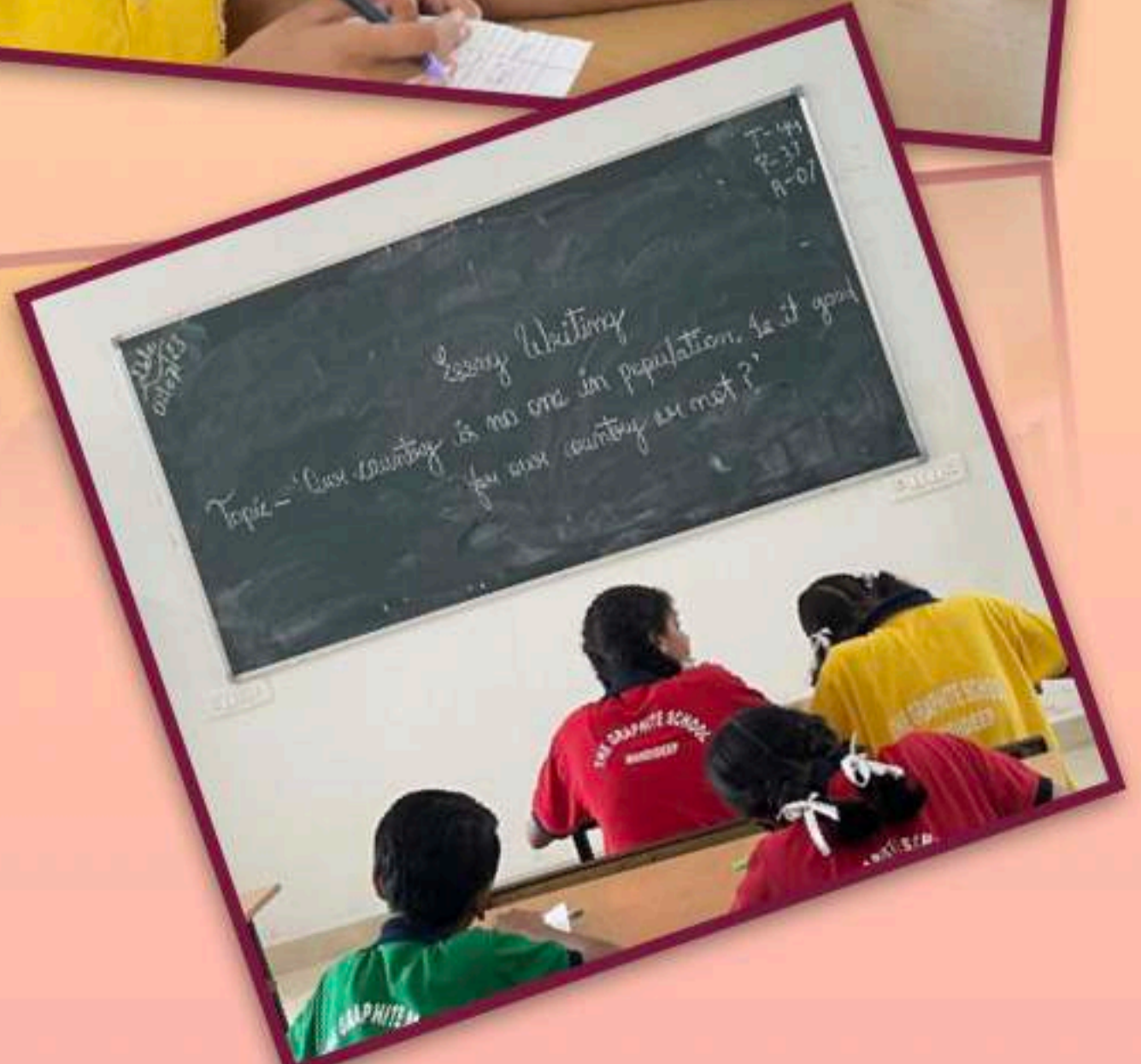
On July 20, 2023 students of Graphite Higher Secondary School celebrated International Moon Day at Regional Science Centre, Bhopal.

As a part of the celebration, a science movie film show was organised in which a film titled India's Space Programme: Past, Present, Future received from ISRO, was screened for the students. Also an Audio-Visual Quiz competition was organised on the topic Mysteries and Marvels of Moon in which 100+ students from various schools had participated, in which 10 young graphitians of classes VI to X performed enthusiastically. It's a matter of pride that out of 10, 1 student secured special position and was felicitated with certificate, science kit and cash prize.



# Let's Compete

To keep healthy competition between students time to time various competitions are conducted in school. It motivates students and drives them to put forth their best efforts. It sparks interest, passion and ignites a fire within. Healthy competition "requires teamwork and positive participation. Participants are encouraged to improve themselves and learn a new technique.





# FROM THE PEN OF GRAPHITIANS

\_\*गांधी फिर से आओ ना\*

आ गया मौसम आज़ादी का, पर हम आज़ाद कब होंगे।

गांधी आजाद तो कर गए , पर कैद की बेड़ियाँ खोलना भूल गए।

फ़िर भी आज़ादी का जश्न मनाने, हम आगे बढ़े।

एक मोड़ पर अँधेरा छाया था, शायद किसी ने वहाँ दीप नहीं जलाया था।

वहाँ दीप रोशनी का नहीं, उम्मीदों का जलाना था ।  
क्योंकि अंधकार रोशनी में नहीं , सपनों में था ।

सोने की चिड़िया चाँदी के पिंजरे में कैसे आज़ाद है?  
वो उड़ने के सपने वो सूरज को छूने की आशा।

क्यों अधूरी रह गई?  
आज हमने खुद ही खुद के पर काट दिए।

आपके बच्चे तो दाता थे, फिर कातिल कब बन गए।

आज़ाद तो अहिंसा से हुए थे, फिर हिंसा ने जन्म क्यों लिया?

जिस मिट्टी में गंगा बहती है , वहाँ खून क्यों बहा?

उम्मीद की आखिरी डोर टूट रही है... गांधी फिर से आओ ना।

~तनिष्क चौहान

१२ अ

If we all come together we will make a new world.  
Till 2030 we can complete all the goals.

SDGs goals SDGs goals

1. We \*Graphitians\* work together at all.  
And give gender equality to all.  
Atleast we can manage water and sanitation for all  
(Sustainable Development goals) -2

2.If we do plantation, we can save our nation.  
It means we are nearset to SDGs completion.  
That is what our mission.  
SDGs completion SDGs completion.

SDGs goals SDGs goals  
SDGs goals SDGs goals

Lyrics by: Ayush Malviya  
XII-A

प्राकृति की देन

सुबह सवेरे सूरज आता चारों ओर लालिमा दे जाता ॥  
पक्षी चीं, चीं गाते जाते ।  
गाकर सबको यह गान सुनाते,"

सुबह सवेरे जल्दी उठकर तु

ले प्रभु का नाम तु

कोयल मधुर गान ये गाती

सबको मधुर यह संदेश सुनाती

चारो ओर हरियाली आती।

सबके मन को हरियाली भाती।।

कही पर फुल फल फूल

रहे है,

कही पर अन्यो का भण्डार भरा है

सुन्दर सोन्दर्य सजा है।।।

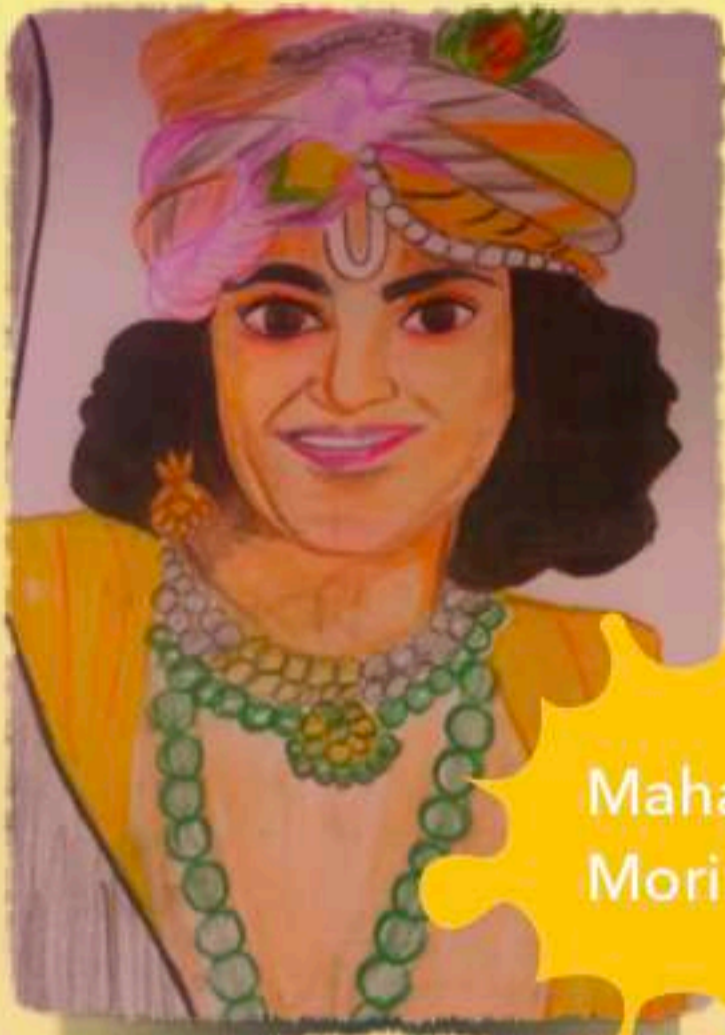
हमारा मत्त बोल रहा है,

कितना प्यारा संसार मिला है, यही हमारा स्वर्ग बसा है।।।

ऋषिका झारवड़े  
कक्षा ६



# CANVAS OF GRAPHITIANS



Mahak  
Mori X



Naina  
Sharma X



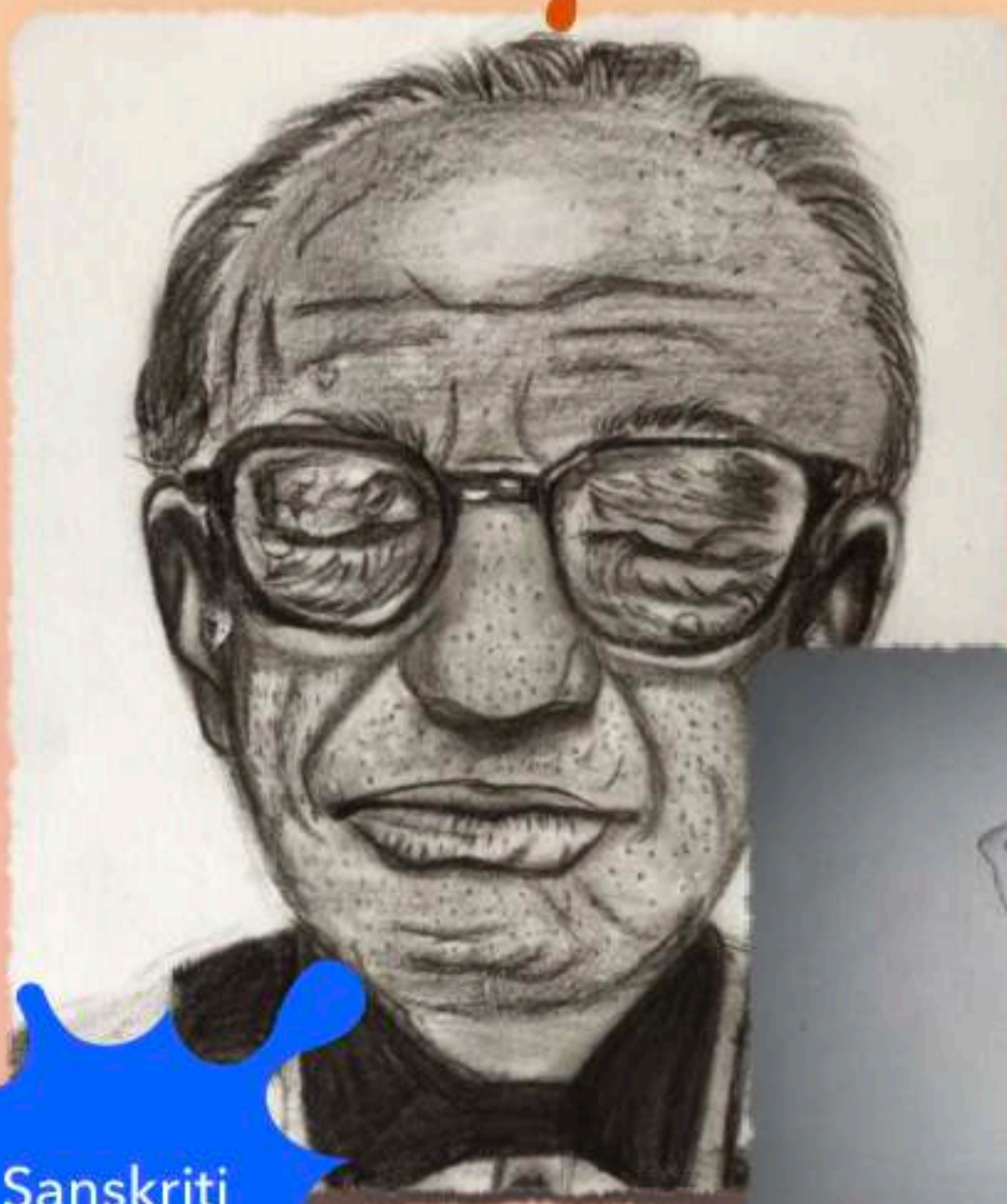
Vridhi  
Mishra VII



Somya  
Thakur XII



Himanshi  
Lodhi VI



Sanskriti  
Dehariya VI



Pushpa  
Parmar X



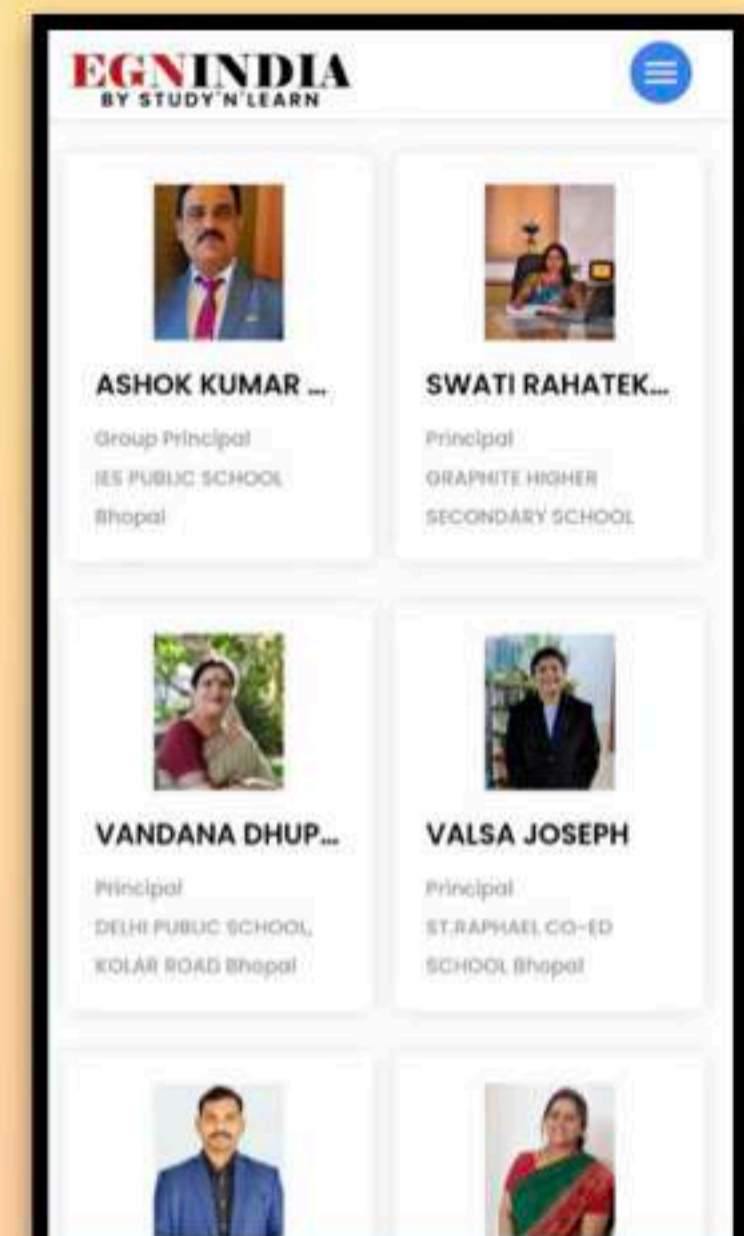
Avani  
Luhariya X



# AWARDS & ACCOLADES

Our Principal Mrs. Swati Rahatekar has been awarded education hero by EGN:Study-N-Learn, for honouring her rich experience, achievements & contributions in the field of education. She has also been featured on the website of EGN.

GHSS-family feels proud and Congratulates Ms. Swati Rahatekar for her remarkable achievement.







*Our Dedicated Staff*







# GRAPHITE HIGHER SECONDARY SCHOOL

Affiliated To CBSE New Delhi Aff. No. 1030821



SINCE - 1981

## VISION

To create an environment in which each student can acquire a quality based intellectual grasp of the world's complexities and to prepare each individual as a productive citizen of the world.

## MISSION

We at Graphite Higher Secondary School aim to provide an education which harmonizes traditional spiritual Indian values along with the progress of Science and Technology. We strive to provide exceptional opportunities for the development of human mind and body, and through them the evolution of the spirit.

## MOTTO

*It Is Impossible To  
Acquire  
Knowledge Without  
Having Faith,*





# GRAPHITE HIGHER SECONDARY SCHOOL, MANDIDEEP

Affiliated To CBSE New Delhi Aff. No. 1030821



## HIGHLIGHTS

- ❖ Well equipped laboratories of Physics, Chemistry, Biology, Mathematics, Artificial Intelligence & Language etc.
- ❖ Integrated curriculum to promote holistic learning.
- ❖ Outdoor training programmes and adventure camp for students to build up confidence in them for facing the challenges of competitive life.
- ❖ Facilitative intensive training inputs for improving reading, writing and speaking abilities.
- ❖ Learning compatible with modern age.

## OUR HIGH FLYERS OF - 2023

### AISSCE - 2023



### AISSE - 2023



MICROFLIGHT TRAINING



NCC FIRING TRAINING



NATURE STUDY



ARTIFICIAL INTELLIGENCE