



AN ISO 9001:2015 CERTIFIED

**Shri Jagannath Rathi Charity Trust**

**J.M.RATHI ENGLISH SCHOOL &  
JUNIOR COLLEGE**

**Jyot Rath**

Affiliated to CBSE

**2024-25**



## **School Vision**

Global wellbeing with Best practices in education and Inculcating universal values.

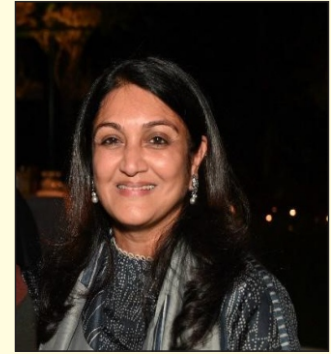
## **School Mission**

Serving society by providing skilled, Learned and compassionate human Beings with values.

## **Our Values**

Resilience, Our Anchor  
Integrity, the Foundation  
Synergy in Diversity  
Excellence, Our Goal





## Director's Message

### Sustainability in Education: A Commitment to Our Future

In 2016, we introduced an innovative concept: a Theme of the Year that would be integrated into all subjects and co-curricular activities. The idea was to create meaningful, cross-disciplinary learning experiences that resonate with real-world relevance. The initiative was met with great success and has since become a valued annual tradition at our school.

Each year, the chosen theme addresses a significant need of the time—educating, empowering, and exposing our students to ideas that shape their understanding and perspective of the world. It has proven to be an excellent way to connect diverse concepts, encouraging holistic learning and critical thinking.

This year, our theme—Sustainability in Education—is particularly vast and impactful. It offers multiple dimensions that can be integrated across subjects and activities, providing students with opportunities to engage deeply with its social, economic, and environmental aspects. Sustainability is a vast concept. While it includes environmental concerns like resource conservation and climate action, it also encompasses social responsibility, equitable communities, and economic resilience. As educators, it is our responsibility to prepare students not just for exams but for life—one where they can think critically, innovate responsibly, and contribute to solving real-world problems.

At JMRES, we aim to equip students with essential 21st-century skills—adaptability, creativity, problem-solving, collaboration, and leadership. These skills are critical not just in academics but in navigating an ever-changing world. Our curriculum integrates the theme through engaging classroom activities, hands-on projects, meaningful field trips, and student-led initiatives, we encourage students to explore sustainable practices, develop innovative ideas, and understand their role as global citizens. We believe in fostering a school culture that reflects the values of sustainability. From energy-saving practices to reducing waste, from promoting social equity to encouraging innovation, every facet of our school operations is a learning opportunity. By experiencing sustainability firsthand, students develop habits, values, and skills that will shape their future. Today's world is changing rapidly, and students need to be ready for careers, challenges, and opportunities that don't yet exist. This requires an education system that fosters not only academic excellence but also critical life skills. We encourage curiosity, experimentation, and the courage to question and innovate. Skills like resilience, leadership, and collaboration are as vital as academic knowledge, forming a strong foundation for lifelong success.

At JMRES, sustainability is not just a theme; it is a core value that influences how we think, teach, and act. It is embedded in our curriculum, co-curricular activities, and everyday operations.

As we progress through this academic year, I encourage the entire JMRES community—students, educators, and families—to embrace sustainability not as an obligation but as a way of life.

Through collective efforts and a shared vision, we are not just educating students; we are preparing leaders who will safeguard the future of our planet and society.

At JMRES, we believe in the power of education to shape a better tomorrow. Let's work together to build a generation that is equipped with the skills, knowledge, and values needed to lead with responsibility, compassion, and innovation.

Director  
MS. RACHNA RATHI



## Chairman's Message

Reaching out to the community has always been a philosophy of Sudarshan Chemicals. With the motive to empower children from the community and society with the best educational facilities, J M Rath English School & Junior College was established in 1975 By Shri Jagannath Rath Charity Trust.

Understanding the need of the hour, JMRES was in the process of switching over from a State board to CBSE, a National centralized board and that long waiting dream has come to fulfillment. We have shifted from Maharashtra state Board to CBSE board and this is really a feather in our cap and incredible moment for all of us. I congratulate Trustees, Director, Principal, Vice Principal and staff of J.M. Rath English School and Junior College, and the parents for the wholehearted continual cooperation in this process.

None of the achievements would have been possible without the single-minded commitment and dedicated care of our Staff, we are constantly encouraged by our Parents who have shown much confidence and gave their full support.

At JMRES, the child is firmly at the heart, of our work. We seek to develop the whole child by providing students with meaningful and connected learning experiences with a focus on Value based education. We have made significant progress and enhancement in our approach, programmes and school outcomes.

I extend my warm wishes to the Principal, Vice Principal, Staff and Students of J M Rath English School and Junior College to continue this journey on the road of excellence.....

Our former honorable president of India, Dr. A P J Abdul Kalam in his book 'India 2020: A vision of the new millennium' writes

“If you are a teacher in whatever capacity, you have a very special role to play because more than anybody else it is you who are shaping the future generation.”

Chairman  
**Mr. B. N. Kadam**



# Principal's Message



Dear Students, Parents and Esteemed Staff,

As we embark on a new academic year, I am excited to share the transformative changes inspired by the National Curriculum Framework (NCF) 2023. This forward-thinking framework, aligned with the National Education Policy (NEP) 2020, is poised to reshape our educational landscape, making learning more comprehensive, inclusive, and globally oriented. This year's annual Theme for JMRES is “Sustainability in Education”. Envisioning this theme our academic team has designed the curriculum which highlights the sustainability aspect in each learning objective resulting in a sustainable outcome.

**Strengthening Foundational Learning:** The NCF 2023 places a strong emphasis on foundational skills in literacy and numeracy. At our school, we are committed to ensuring that every student develops these essential abilities, laying a solid foundation for lifelong learning and success.

**Nurturing Holistic Development:** Education is about more than academic achievement; it's about fostering the all-around growth of our students. The NCF encourages a well-rounded approach, balancing academics with co-curricular activities and life skills. We are enhancing opportunities in sports, arts and community engagement, ensuring our students develop in every aspect of their lives.

**Flexible, Transdisciplinary & Multidisciplinary Education:** The NCF 2020 introduces flexibility in learning, allowing students to explore a wide range of subjects across disciplines. We are restructuring our curriculum to promote creativity, critical thinking and a love for learning, enabling students to pursue their passions and interests.

**Embracing Inclusion and Diversity:** Inclusion is at the heart of NCF 2023, and we provide an equitable education for all students, regardless of background or ability. We are implementing tailored support systems for students with diverse needs and celebrating the rich diversity within our school community, ensuring that every student feels valued and supported.

**Developing Global Citizens:** As we prepare our students for the future, we recognize the importance of nurturing global citizens who are well-versed in both our cultural heritage and the global context. Our curriculum incorporates lessons that promote respect for diversity, environmental sustainability, and global responsibility, equipping our students to thrive in an interconnected world.

**Skill Development and Vocational Training:** The NCF 2023 emphasizes the importance of practical skills and vocational education. We are integrating hands-on experiences and skill-building activities into our curriculum, ensuring our students are prepared for the demands of the modern workforce and are empowered to pursue a wide range of career paths.

**Empowering Our Educators:** Our teachers are the backbone of our educational journey. The NCF underscores the need for ongoing professional development and the adoption of innovative teaching practices. We are committed to investing in our teachers, providing them with the tools and resources they need to deliver the highest quality education to our students.

In summary, the National Curriculum Framework 2023 serves as a guiding light, steering us toward a more inclusive, dynamic, and globally focused educational system. As we embrace these transformative ideas, I am confident that our school will continue to nurture young minds, preparing them not only for academic success but also for life as compassionate, informed and responsible global citizens.

Let us all embark on this journey with enthusiasm and dedication.

Principal  
Ms Leena David



## Vice- Principal's Message

Dear Parents and Students,

It is with great pleasure that I extend my warmest greetings to you all through this edition of our school magazine '**JYOT RATH**'. Each passing academic year brings with it new challenges, opportunities, and milestones, and I am incredibly proud of the dedication and enthusiasm shown by our students, teachers, and parents alike.

To our students—your hard work, resilience, and passion for learning continue to inspire us. Education is not just about acquiring knowledge but about developing character, creativity, and confidence. Keep pushing your limits, setting goals, and striving for excellence in everything you do.

To our dear parents—your unwavering support and partnership play a crucial role in shaping the future of our students. Your encouragement at home and active involvement in school activities create a strong foundation for their success.

We truly appreciate your trust and collaboration in our shared mission of nurturing young minds.

As we move forward, let us continue to uphold the values of perseverance, kindness, and excellence. Together, we can create an enriching learning environment that prepares our students to become responsible global citizens.

Wishing you all a year filled with learning, achievements, and memorable experiences!

Vice-Principal  
Mr. Deepak Mane



## Unit Head-Primary Message

*The beautiful thing about learning is that no one can take it away from you."— B.B. King,*

Dear Students, Parents, Staff and readers.

As we reflect on another enriching year at our school, I am filled with pride and gratitude for the incredible growth and achievements we have witnessed in our primary unit.

Each day, I see our students embracing the joy of learning, and it is this enthusiasm that drives our mission to provide a nurturing and inspiring environment for all.

This year, we have introduced several innovative programs and activities aimed at fostering creativity, critical thinking, and a love for learning among our young learners.

Our Accelerated Classes have been a significant addition, offering students the opportunity to challenge themselves and advance at their own pace. It has been rewarding to see so many of our students rise to the occasion, demonstrating exceptional understanding and enthusiasm for the subjects they are passionate about. Another highlight has been our Bagless Day, which offers our students a unique opportunity to explore new learning methods in a relaxed, creative setting. It was heartening to see the children so engaged, collaborating with their peers, and discovering the joy of learning through play and exploration. These initiatives, along with others, reflect our commitment to making education a holistic experience that nurtures both the mind and the spirit.

Additionally, this year we have refined our exam pattern to include a balanced approach with both oral and written components. The oral exams allow students to articulate their understanding, improving their communication skills and boosting their confidence in expressing ideas. The written exams, on the other hand, focus on developing their ability to organize thoughts, structure responses, and enhance their writing skills. This comprehensive approach ensures that our students are evaluated not just on their knowledge, but also on their ability to communicate and apply what they have learned in various forms. We believe this balanced assessment prepares our students for a well-rounded academic journey and equips them with essential skills for the future. I am deeply grateful to our dedicated teachers and staff, whose passion and commitment have been instrumental in bringing our vision to life. Their innovative teaching methods, coupled with their genuine care for our students' well-being, make our primary unit a place where every child feels valued and encouraged to reach their full potential. To our students, I want to say how proud I am of each one of you. Your curiosity, creativity, and resilience are truly inspiring.

Keep embracing new challenges and remember that learning is a lifelong journey, filled with endless possibilities.

*"Education is the most powerful weapon which you can use to change the world."*

Unit Head - Primary  
Mrs. Piedade Dsouza



## **From the Students' Editorial Board**

Dear Students and Faculty,

We are thrilled to welcome you to the latest edition of our school magazine. As your student editor, we have had the incredible opportunity to work with a talented team of writers, designers, and photographers who have poured their creativity and passion into this magazine.

In this edition, you'll find a diverse range of stories that highlight our school's vibrant community. From inspiring student achievements and faculty to coverage of recent school events and thought-provoking opinion pieces, there's something here for everyone.

We want to extend our gratitude to everyone who contributed their time and effort to make this magazine a reality. Your enthusiasm and dedication are what make our magazine special.

We hope you enjoy reading this magazine as much as we enjoyed creating it. As always, we welcome your feedback and suggestions for future editions. Together, let's continue to celebrate the amazing spirit of our school.

Sincerely,  
Astra Bardeskar  
Class :- IX A  
Asst.Student Editor



Jyot Rath - Committee  
Academic Year 2024-25

Committee In-charge

Mrs. Krutika Gurav (In charge)  
Mrs. Aparna Patil (Sub In charge)

Committee Members

Pre-Primary

Mrs.Sonali Khot

Primary

Mrs.Vaishali Salvi  
Mrs.Leena Carvallo

Secondary

Mr. Babasaheb Jangale  
Mrs.sakshi Pawar  
Mrs.sanobar Patel  
Mrs.Snehal Rulekar

Editing & Designing

Mr. Pratik Palande  
Mr.Siddhesh Bhosale

Students Editors

Head Editor

Ma.Saptak Aron(XI)  
Ms.Samiha Dabir (XI)

Asst. Editor

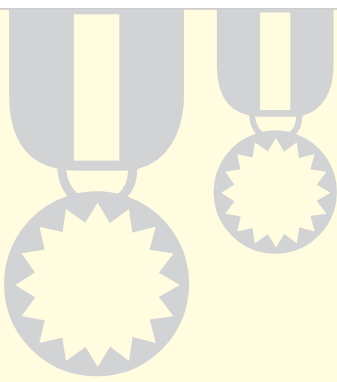
Ma.Aryan Jain (IXA)  
Ms.Astra Bardeskar (IXA)

Primary Editors

Ma.Arn timer Jailkar(IV)  
Ms.Arya Dalmiya(IV)

## HAPPENINGS IN THE SCHOOL

MONTH	EVENTS	MONTH	EVENTS
April	Academic Session Begins Pre-Primary, Primary Secondary It's time to read Election- Primary Sec- Mock Drill	October	Gandhi Jayanti Celebration Pri-Reading time Parents and Students Pri, Sec-Cleanliness Drive Garba Nights-All domains Sec-It's time to read Field trip-Std-V Pri-PTM-3 Pri-Diwali Celebration
May	Maharashtra Day Celebration		
June	Know Me Better Session for Primary & Secondary Sec-It's Time to Read Pri-Std VI- Parents will come to read Pri-Investiture Ceremony Pri, Sec-Mock Drill Sec-PTM-I Pri-PTM-I Book of the month	November	Children's Day Celebration Pri-Reading time Parents and Students Sec-PTM-IV Sec-STD-VI, VII-Field Trip Pre-Jr. KG-Field Trip
July	Pri-STD-IV, STD-I-Women Cell Activity Pri, Sec- It's time to read Sec, Pri-Mock Drill Pre-Sr. KG. -Women Cell Activity Sec-Investiture Ceremony Book of the month	December	Sec-Field Visit-STD-IX, X, XI, XII Book Fair-All Domains Pri-Sr.KG-Field Trip Sec-It's time to read. Pre-Women Cell Activity. National Mathematics Day Celebration Pri- PTM-IV Christmas celebration
August	Sec-PTM-II Pre, Sec-Women's Cell Activity Field trip-STD X Independence Day Celebration Rathi Awards Sec-It's time to read Pri-PTM-II Pri-Reading time parents and students National Sports Day celebration Book of the Month	January	Pre-Nur-Field Trip Pri-STD-I-Field Trip Pri-STD-I, STD-III-Women Cell Activity Sec-STD-V, VI, VII, VIII-Women Cell Activity Sec-PTM-V Pri, Sec-Annual Sports Day. Republic Day Celebration. Sec-STD-VIII- Field Trip
September	Teachers Day celebration It's time to read Sec-PTM-III Pre-Grandparents Day celebration Book of the Month	February	Pri- PTM-V Pri-STD-IV-Field Trip Sec-Club Competition Pri-Reading time parents and students. Shiv Jayanti Celebration. National Science day



SPORTS  
Taluka Level Chess Competition

Standard	Name of the student	Rank
Boys U-14		
VII C	Shiddhart Shashikant Choughule	1 <sup>st</sup> place
VIII B	Vishwas Nitin Dandge	2 <sup>nd</sup> place
Girls U-14		
VIII A	Rutika Bhushan Patil	3 <sup>rd</sup> place
Boys U-17		
XI Sci	Anand Sandeep Jadhav	1 <sup>st</sup> place
Girls U-17		
IXA	Tanishqua Chandrashekhar Patil	3 <sup>rd</sup> place
IXA	Shreya Santosh Jagtap	5 <sup>th</sup> place
Boys U-19		
IX A	Srujan Suraj Vadverao	4 <sup>th</sup> place



## LEARNER NARRATIVES BY STUDENTS

### Investiture ceremony

*“A leaders greatest legacy is the success of those they lead”*

Investiture ceremony, a ceremony that serve as pivotal moments that bridge the past with the future, making transition and celebrating achievements within spheres of life. This Ceremony that underscore the importance of responsibility, honour and commitment was held on 31st July 2024, marking traditions that continue to uphold the leadership, achievement and service in society.

The ceremony commenced with the Head boy and Head girl leading the senators in a solemn March past. They were thereafter honoured with the badges and sashes by the Chief guest Mr. Jayawant Ramdas Ghadi (Vice president and site head- Archroma India Pvt Ltd. and head of safety and environment of India), Special guest Mr. Uday Vasant Oak (Deputy General Manager financial controlling), Principal Ms. Leena David and Vice Principal Mr. Deepak Mane with the Parents.

The chief guest delivered an inspiring speech, while the head boy and head girl also addressed the audience expressed their reviews. Following this, the students of JMRES performed a melodious song and spectacular dance that made the occasion truly memorable. Also the selected members of the school took an oath to mark their new beginning. The program was fantastic and truly captivating, ending on a high note with a great success.

**By Tanishka C. Patil**  
**IXA**

### Water: The Essence of Life

Water is one of the most essential components of life. Without water, there can be no life on Earth. It plays a vital role in our daily lives and is a blessing from nature. We, as humans, are entirely dependent on water to survive. In fact, we cannot live for more than three days without it. We use water for drinking, bathing, cooking, and more.

However, we often use water carelessly, assuming it is unlimited. While 70% of the Earth's surface is covered with water, only a small portion of that is actually usable for daily needs. Most of it is not fit for human consumption. Without water, life as we know it would not be possible.

We obtain water from rivers, lakes, oceans, and other sources, but sadly, humans are polluting these water bodies at alarming rates. It is crucial for us to understand the importance of water and avoid wasting it.

**By Riddhi Shelke**  
**VIC**



## The Importance of School beyond Academics

School isn't just about books and tests—it's where we build the foundation for our dreams, develop skills that shape our future, and learn how to make a difference in the world around us. School is an important part of a student's life. My school, J.M. Rathi English School and Junior College, not only focuses on academics but also on co-curricular activities. One of these activities is our social media team.

Our social media team consists of nine members, each with specific roles. We all work together to create reels, photographs, interviews, podcasts, and post them on our social media pages like Instagram, Facebook, YouTube, etc. Establishing the social media team was a great decision, as it provides students with the opportunity to learn how to coordinate with a team, work collaboratively, understand the importance of meeting deadlines, and get a glimpse of how we will face life in the future.

Because of the social media team, I have gained knowledge about many new things. For example, as a copywriter on the team, I received guidance from teachers on how to enhance my writing skills. I also learned about various types of software used for editing, scripting, and more. Additionally, I acquired skills in using a DSLR camera and how to capture stable videos and photos.

In conclusion, I am thankful to our school for creating the social media team, as it provides students with opportunities to explore and develop their skills.

**By Ojas Patki**  
VIA

## Protecting Our Planet's Biodiversity

Biodiversity, the variety of life on Earth, is essential for ecological balance, food security, medicine, and economic stability. It is threatened by habitat destruction, overexploitation, climate change, pollution, and invasive species. To protect it, we must support conservation efforts, adopt sustainable practices, reduce waste, and raise awareness in our communities. Every individual can contribute by choosing eco-friendly products, conserving resources, and making sustainable food choices. By taking action today, we can safeguard biodiversity and ensure a healthier planet for future generations.

**By Vedant Barde**  
IXA

## My Imagination

My imagination  
is a kind of art creation.  
Sometimes I invent,  
Thinking of new things I can present.  
When I start to dream,  
I forget my work, it seems.  
When I come online,  
I feel a little spark, a sign.  
When I think deeply,  
I focus completely.  
Sometimes I sit,  
Then change where I fit.  
Sometimes I walk around my home,  
And play a bit on my own.  
This happens all the time,  
Especially when someone likes my rhyme.

**By Nirmayi Patil**  
VI B



## Book Fair

On the 7th of December, our school, J.M. Rath, held a huge book fair. So, what happens at a book fair? In our school's book fair, there were big book stalls and food stalls everywhere! When I entered the school, I met my classmates. I enjoyed watching the small children perform acts of famous poets. After a while, I spotted Motu and Patlu behind the stage, and I quickly took a picture with them! I also ate lots of delicious food and drank refreshing juices.

Then, I made a bookmark with my friend Umar. Inside the hall, I saw more small children enjoying the book fair. After some time, we had a magic show, and the magician performed unbelievable tricks that amazed everyone! After the magic show, there was a lucky draw and a housy game. I bought lucky draw tickets, but unfortunately, I wasn't lucky this time. When all the programs ended, everyone went home, and I had a wonderful experience at the book fair!

By Arya Ingole  
VC

## पुस्तकं

पुस्तकं म्हटलं की एक नवं जग उलघडतं,  
आपल्याला एका कल्पनेच्या दुनियेशी ते जुळवतं.  
एकेक करुन पलटताना पुस्तकाचे पान,  
हळूहळू आपल्याला होते त्यांच्या महत्त्वाची जाण.

पुस्तकात असतात गोष्टी फार छान,  
कधी राजा-राणी तर कधी परीकथा महान.  
शब्दांचे मोती माळलेले असतात ओळींमध्ये,  
आणि ज्ञानाचे हिरे लपले असतात पानांमध्ये.

जगात भारी अशी पुस्तकांची मैत्री,  
यांच्या संगतीत मिळेल अनंत ज्ञानाची खात्री.  
हातात घ्या पुस्तक, उघडा एक नवा अध्याय,  
कारण बुद्धीचं बळ वाढवण्यासाठी हाच एकमेव उपाय.

By Shravani Nakate

XA



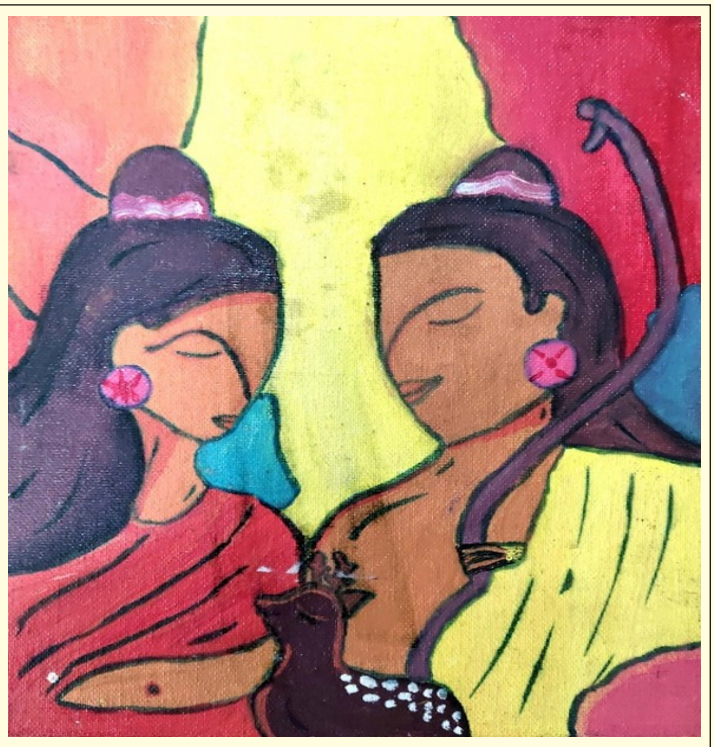
ARTISTIC



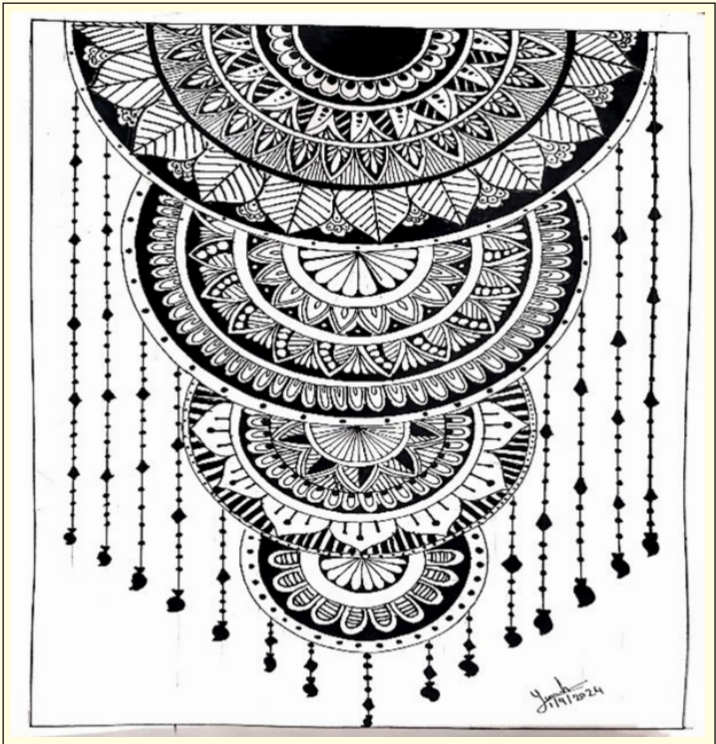
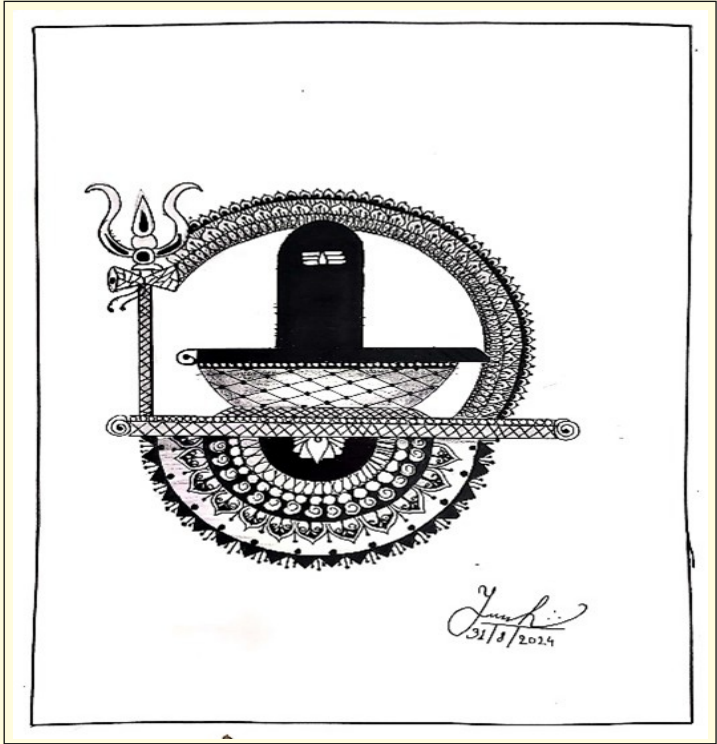
Tejas Ingole VIIC



By Teachers in Teacher Training Program



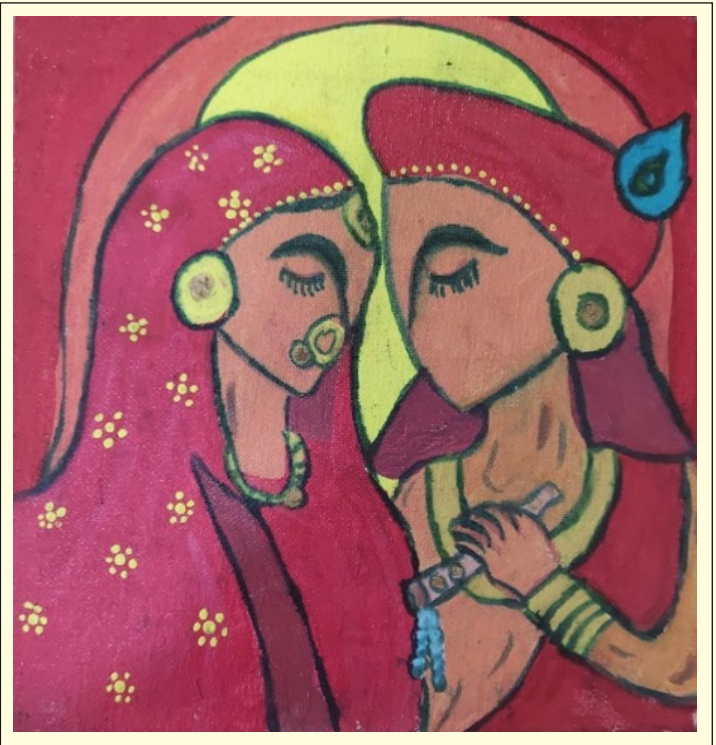
Tanishq Apankar VIIB



Yash Gaikwad VC



Soumya More VIIB



Tanishq Apankar VIIB



Riddhi Shelke VIC



By Grade VI



Prachiti Deshmukh VII



## EDUCATOR'S CORNER

### महाराष्ट्र दिन

जे. एम. राठी इंग्लिश स्कूल में 1 मई, 2024 को महाराष्ट्र दिवस मनाया गया। यह दिवस मराठी भाषी राज्य महाराष्ट्र के निर्माण की याद में मनाया जाता है। पूर्व प्राथमिक विभाग की अध्यापिका श्रीमती. सोनाली देशमुख और प्राथमिक विभाग की छात्रा ज्ञानदा इन दोनों ने महाराष्ट्र दिवस के महत्व पर भाषण दिया। प्राथमिक विभाग के छात्रों ने और विद्यालय के शिक्षकों ने मराठी संस्कृति और विरासत की महिमा का गायन करते हुए एक समूह गीत प्रस्तुत करके कार्यक्रम की शोभा बढ़ाई। यह कार्यक्रम बहुत सफल रहा।

धन्यवाद

By Mrs. Sakshi Pawar

### गणितातील भास्कराचार्य: एक अद्वितीय गणितज्ञ

दैनंदिन जीवनात गणित हा एक अत्यंत महत्वाचा विषय आहे, जो कधीही विचार करण्यासारखा आहे. म्हणूनच, गणिताला विज्ञानाची भाषा असे म्हटले जाते. गणित हा विषय अनेकांना गहन आणि समजून घेण्यासाठी आव्हानात्मक वाटतो. परंतु भारतीय गणितज्ञांनी या विषयाला सर्वसामान्यांसाठी समजण्यास सुलभ बनवण्यासाठी खूप प्रयत्न केले आहेत. गणितातील प्रगतीमध्ये भारतीय गणितज्ञांनी अमूल्य योगदान आहे. यापैकी एक म्हणजे भास्कराचार्य. बाराव्या शतकात भारता मध्येच नव्हे, तर संपूर्ण जगात गणित आणि खगोलशास्त्रात योगदान देणारे भास्कराचार्य हे एक असामान्य व्यक्तिमत्व होते. भास्कराचार्याचा जन्म 1114 साली, आंध्र प्रदेशातील चालीस गावाजवळील पाटण या गावात झाला. भास्कराचार्य उत्तम कवीही होते. भास्कराचार्यांनी 'लीलावती' हा गणितावर लिहिलेला महत्वाचा ग्रंथ तयार केला. या ग्रंथाची सुलभ मांडणी, शिकवण्याची आकर्षक पद्धत, सोपी उदाहरणे, रसाळ भाषा यामुळे हा ग्रंथ अतिशय लोकप्रिय झाला. भास्कराचार्यांनी 'थिअरी ऑफ नंबरर्स' या गणिताच्या शाखेत काम करून सांगितले की कोणत्याही संख्येला शून्याने भाग दिल्यास उत्तर अनिश्चित येते. भास्कराचार्यांनी गणितातील कॅलक्युलस या शाखेतही महत्वाची प्रगती केली आणि त्यांना लिमिट या संकल्पनेची माहिती होती. त्रिकोणमितीतही त्यांनी महत्वाचे कार्य केले. तसेच रोजच्या व्यवहारात लागणारे गणित समजण्यासाठी त्यांनी 'बीजगणित' हा ग्रंथ लिहिला, ज्यामध्ये आजही शालेय जीवनात शिकल्या जाणाऱ्या अनेक समीकरणांचा समावेश आहे. भास्कराचार्य उत्तम ज्योतिषाचार्यही होते. त्यांनी ज्योतिषशास्त्राच्या संदर्भात 'सिद्धांतशिरोमणी' हा ग्रंथ लिहिला, ज्यामध्ये धन व ऋण संख्यांचे नियम, शून्याच्या संदर्भातील नियम, गणितीय नियम इत्यादींचा समावेश आहे. 'गोलाध्याय' हा ज्योतिषशास्त्रावरचा अजून एक महत्वाचा ग्रंथही भास्कराचार्यांनी लिहिला. भास्कराचार्यांना अनंत ही संकल्पनाही माहिती होती, तसेच त्यांनी परिघ व व्यास यांचा उपयोगही केला. शून्यापासून अनंतापर्यंत, घन संख्यांपासून ऋण संख्यांपर्यंत, बीजगणितामधील समीकरणांपासून कॅलक्युलसमध्ये वापरल्या जाणाऱ्या कल्पनांपर्यंत, त्रिकोणमितीपासून ते नंबर थिअरीपर्यंत, गणित आणि ज्योतिषशास्त्रातील अमूल्य कामगिरी करणाऱ्या या गणितज्ञाचे कार्य सर्व भारतीयांसाठी प्रेरणादायी आहे. गणिताला काव्याची उंची देणाऱ्या आणि काव्याला गणिताचे सौंदर्य देणाऱ्या या महान गणितज्ञाला मी अभिवादन करते. भास्कराचार्यांनी 'थिअरी ऑफ नंबरर्स' या गणिताच्या शाखेत महत्त्वपूर्ण कार्य केले, आणि त्यांनी सांगितले की कोणत्याही संख्येला शून्याने भाग दिल्यास उत्तर अनिश्चित येते. रोजच्या व्यवहारात आवश्यक असलेल्या सर्व गोष्टी भास्कराचार्यांनी आपल्या ग्रंथांतून मांडल्या. त्यांचे 'लीलावती' आणि 'बीजगणित' हे प्रसिद्ध ग्रंथ आहेत. भास्कराचार्यांच्या ग्रंथातून त्या काळातील चलनी नाण्यांचे, रुपये, तांत्रिक व कांकिणी यांचा उल्लेख आढळतो. 'सिद्धांतशिरोमणी' या ग्रंथात भास्कराचार्यांनी गोलाध्याय आणि ग्रहगणित या दोन अध्यायांवर चर्चा केली. कॅलक्युलस मधील लिमिटच्या संकल्पना आणि अनंत यांची कल्पना त्यांना माहित होती.

By Ms. Suvarna Chaudhari

## Rathi Awards 2024-25 and Independence Day

On the auspicious occasion of India's Independence Day, J M Rathi English School and Junior College organised a grand celebration on August 15th. The event was marked by patriotic fervour, cultural performances, and the prestigious Rathi Awards ceremony, recognizing the outstanding achievements of students in tenth and twelfth CBSE Examination.

The day began with the traditional flag hoisting ceremony. The national flag was hoisted by our special guest Mrs. Rani Fernandez, who is well known and loved by children and she is the respected figure in the community. The students and staff stood in unison, saluting the flag and singing the national anthem, filling the atmosphere with a sense of pride and patriotism. Following the flag hoisting, the students presented a series of cultural programs, including patriotic songs, dances, pyramids etc. depicting the struggle for independence. The highlight of the day was also the Rathi Awards ceremony, an annual tradition at the school, aimed at recognizing and rewarding students who have excelled in academics.

The awards were presented by the Chief Guest, along with the school management, amid much applause and cheer. The chief guest Mr. Garg addressed the gathering, emphasizing the significance of Independence Day and encouraging the students to uphold the values of liberty and justice. The Independence Day celebration at J M Rathi English School and Junior College was a memorable event, filled with enthusiasm and a deep sense of national pride. The Rathi Awards ceremony served as an inspiration for all students to strive for excellence in their chosen fields.

The event concluded with a vote of thanks by our teacher Mr. Atul Jadhav expressing gratitude to the guests, teachers, and students for making the event a grand success. The school continues to foster a spirit of excellence and patriotism among its students, ensuring that they grow into responsible citizens of the nation.

### Thanks

By Sebastina Coutinho





## Field Trips

J.M.Rathi English School & Junior College Roha students from VI A, B & C had an incredible field visit to Madhuban Farm, Warmly welcomed by Mr. Joshi, the farm owner. Mr. Joshi gave us an insightful tour, demonstrating various organic farming techniques, the irrigation system, and the importance of medicinal plants. We also got to see the fascinating process behind the Gobar Gas Plant and learn about its eco-friendly benefits.

The highlight of the day? Tasting fresh buttermilk made right there on the farm – absolutely delicious! This hands-on experience was a huge success and truly taught us the value of sustainable farming practices.

By Tejas Jagle



## Veda's Pottery

Students of Class 8 and 9 recently visited Veda's Pottery Studio for an engaging hands-on experience in pottery making with clay. During this visit, they had the opportunity to learn new techniques and create their own pottery pieces, which significantly enhanced their concentration and creativity.

In addition to the pottery-making activities, students were thrilled to explore and purchase various pots and artistic items from the studio. The enthusiasm and engagement displayed throughout the visit underscored their eagerness to delve into the world of art and develop their artistic skills.

Overall, the field trip proved to be an enriching experience that offered valuable insights into the art of pottery and fostered a deeper appreciation for creativity among all the students.



## Visit to the Kala Ghoda Arts Festival

Our 11th-grade class had the opportunity to visit the Kala Ghoda Arts Festival in Mumbai, where we experienced a vibrant celebration of art and culture.

We explored captivating installations by both local and international artists, which enriched our understanding of creativity. The festival also featured delicious street food stalls, offering a variety of culinary delights that further enhanced our experience.

The lively atmosphere fostered a sense of community among visitors, making it a memorable outing. Overall, this visit not only inspired us to appreciate local talent but also connected us to our cultural roots. It was both an educational and immensely enjoyable experience for everyone involved.

**By Pranitha Pashilkar**



## GLIMPSES

### Pre-Primary Events

#### Blue Day

On 30th July, the Jr. KG kids celebrated Blue Day with great enthusiasm. The day was dedicated to exploring the colour blue, helping the young students to identify and appreciate this vibrant hue in a variety of creative ways. The activity room was transformed into a sea of blue, with decorations featuring blue balloons, streamers, and posters.

The day's activities began with a brief introduction by the class teacher, who explained the significance of the colour blue, associating it with elements like the sky, the ocean, and certain fruits. This was followed by a fun sorting activity where each child sorted blue colour objects.

One of the highlights of the day was the art and craft session. The children did collage activity. This activity not only enhanced their understanding of the colour blue but also encouraged creativity and fine motor skills.

The celebration concluded with a group photo session, where the students proudly displayed their blue crafts. Overall, Blue Day in the Jr. KG class was a delightful and educational experience. The event successfully helped the children to identify and appreciate the colour blue, while also providing them with opportunities for creative expression and collaborative play.



## Father's Day (Nursery)

On 20th July the Nursery class celebrated Father's day with much enthusiasm and joy. The event aimed to strengthen the bond between children and their fathers while fostering an environment of appreciation and love.

The highlight of the day was the special performance by the students, then the activity of crown making was done by the child and the father, the students later crowned their fathers with it. To make the day even more memorable, the teachers organized fun games sessions for fathers and the kids, the games were filled with laughter and created a joyous atmosphere, strengthening the bond between the child and their fathers.

The celebration concluded with light refreshment, where everyone mingled and shared their thoughts on the importance of spending quality time. Overall the Father's Day Celebration was heart-warming experience that reinforced the significance of the fatherhood and the joy it brings to child's life.



## Grandparents day (Jr.KG)

Grandparents' Day! It was a day filled with love, laughter, and joy as we welcomed our beloved grandparents to school. The children were very excited to show their love and appreciation for their grandparents.

We started the celebration with a welcome song. They sang beautifully and made everyone smile, students performed dances for the grandparents and speech. Next, we had some fun activities planned. The children and their grandparents participated in games. The children were thrilled to play with their grandparents, and everyone had so much fun together.

It was a memorable day, and we were so glad to have our grandparents with us. We all were left with happy hearts and a deeper appreciation for the special bond between grandparents and the grandchildren.



### Green Day (Nursery)

On 24th August the Nursery students celebrated Go green with mothers with excitement and enthusiasm, The event aimed to raise awareness among students about the importance of green color, plants, nature. The classrooms were beautifully decorated with green balloons, paper cut-outs of plants trees, animals, vegetables giving the atmosphere a vibrant and fresh look.

Different activities were conducted such as show and tell, art and craft, fireless cooking with mothers. Overall, Green Day was a fun-filled learning experience for the Nursery class.

The children actively participated in all the activities and took home valuable lessons about nature and its preservation. It was heart-warming to see them excited about the environment and eager to contribute to a greener planet.





## GLIMPSES

### Primary Events

#### My experience of Bagless Day

Bagless Day for Std IV was on 22nd August 2024 and it was an amazing experience! We didn't carry any textbooks or bags, but that didn't mean we didn't learn anything. In fact, we learned many new things and had a lot of fun. We started the day with meditation, which helped us relax and focus. Then, we did some drawing and coloring, which brought out our creativity.

We also did some cool activities that taught us important values like sharing, caring, and listening. I learned that Bagless Day is not just about not carrying bags, but about exploring new ways of learning and having fun while doing it. It was a unique and enjoyable experience, and I'm so glad we got to have it. I would love to have more Bagless Days like this in the future!

**Inseeyah Rohawala IVA**



#### Guardians of the Earth: A Call for Sustainability

We're the guardians of the earth, you see Let's Keep it clean and green you and me. Reduce, Reuse Recycle it's easy as can be, Helping our planet for you and me.

We'll plant some trees, and watch them grow And keep the air clean as it blows We'll save water and turn off the light, And make the earth Shine with all our might.

We'll respect all creatures, big and small, And Keep the earth clean one and all So let's do our part and lend a hand, to keep the earth sustainable in this kind.

**Dewaksh Dalvi IIIA**



### शिक्षा

शिक्षा जीवन का आधार।  
 शिक्षा ही बनता आकार।  
 शिक्षा सन्मान देती है।  
 शिक्षा अवगुण दूर करती है।  
 शिक्षा कर्तव्य पालन सिखाती है।  
 शिक्षा अधिकारों से अवगत कराती है।  
 शिक्षा अनपढ़ को साक्षर बनाती है।  
 शिक्षा भविष्य निर्माण करती है।  
 शिक्षा जैसी नहीं कोई दूसरी, आओ चलें विद्यालय की ओर।  
 जन-जन शिक्षा फैलाए, आओ एक साक्षर राष्ट्र बनाए।

Rajvi Talekar II C

### My School My pride

My School.... My pride....!  
 Where we had a wonderful school ride....!!  
 We read, We write  
 And make our future bright.... we learn to Respect.  
 Not to neglect....!!  
 We learn to accept...  
 Not to expect.  
 We laugh, we cry,  
 We play, we study  
 with our best buddy....!!  
 Respect elders, obey parents,  
 Become sincere and punctual is the habit we learn ....  
 And that is why we call .... My School, My pride....

Srushti Sandip Sarkpal IIC

### Nature - Raindrops

Happy little rain drops Falling from the sky  
 We can hear you saying  
 To the clouds "goodbye"  
 Happy little, rain drops Falling at our feet  
 We can see you running Down the busy street

Safwa S. Khopatar IIC



### Save Earth

We Save Water,  
 We Save light  
 We make Earth happy,  
 It's our Delight  
 We plant trees,  
 They give us air  
 We love Earth,  
 we show we care.  
 We don't waste paper, we don't waste food.  
 We help Earth, like we should  
 We use bags again,  
 We don't throw away  
 We Save Earth,  
 Every single day.  
 Earth in our home,  
 We Keep it Clean  
 We make it happy,  
 like a dream We help animals,  
 We help plants too.  
 We save Earth, me and you.  
 We learn in school, to save earth's might  
 We do our part, with all over light  
 We save Earth, it's fun to do  
 We love Earth, Me and you.

**Swarit Patil IIIA**

### Sustainability

Look at you, at what you've done  
 Ruined the rainforest, tainted the terra firma  
 Infecting whole realms with waste and toxins  
 Pesticides, fungicides, insecticides buried deep  
 Inside the once flawless earth and all we deep  
 Look at you, at what you've done  
 Massacred the marine, oiled the oceans.  
 With thick, asphyxiating black suffocation  
 Plastic, batteries, cigarette filters are all a catch  
 For the so called 'Great Pacific waste patch'  
 Look at you, at what you've done  
 Occluded the ozone, strangled the stratosphere  
 Shooting missiles through bygone, pure atmosphere  
 Polluting the oxygen with aerosol cans causing great holes  
 Unbalancing evolution with heat, melting the north pole  
 Look what you, at what you've done.  
 I've erased earth before,  
 I've advertised But your arrogance, your egotism, your lack of respect  
 You have insulted nature  
 And stood right by as continents have sobbed  
 ~DEBBIE SINGH~

**Virangana Jain IVC**



Aarna Gotawade IIIC



Naysha Singh IIC



-Vivaan Shaha IB



Aarya Dalmia IVA



## GLIMPSES Secondary Events

### Republic Day Celebration at J.M.Rathi English School

On the occasion of Republic Day, our school came alive with patriotism and enthusiasm as we celebrated this momentous day. The flag hoisting ceremony was led by our beloved Principal, Ms. Leena David, after which Master Sarvesh Jadhav, a grade V student, delivered an inspiring speech, emphasizing the significance of our Republic.

The secondary students showcased their musical talents, performing a remarkable musical pyramid, while the primary students brought the house down with their energetic patriotic song and dance performance. It was a truly unforgettable experience, filled with national pride and a sense of unity, as we commemorated the spirit of our Republic Day celebrations.





## School Anthem

Oh hail! JMRES, we are proud of you

We'll be true to you forever,

We'll carry the flame

You have lit in us

With joy and trust, forever,

We'll march ahead, with

Pride and grace, forever

We'll tread the path

Of glory and fame, forever

We'll imbibe honesty, integrity, forever

We'll let not any harm

come to you, forever

Oh hail! JMRES, we are proud of you

We'll be true to you forever,

Oh hail! JMRES, we salute you, forever

Oh hail! JMRES, we salute you, forever



AN ISO 9001:2015 CERTIFIED

## **J.M.RATHI ENGLISH SCHOOL & JUNIOR COLLEGE**

Sudarshan Nagar, Roth Roha Raigad MH 402116

Contact : +91 7030725678 / 7030715678

[www.jmreschool.com](http://www.jmreschool.com)

