



**पीएम श्री केंद्रीय विद्यालय न. 2 नेवल बेस, कोच्चि**  
**PM SHRI KENDRIYA VIDYALAYA No 2 NAVAL BASE KOCHI**



**पीएम श्री पत्रिका 2023 – 24**  
**PM SHRI MAGAZINE 2023 – 24**

पीएम श्री की गतिविधियों की एक झलक  
A GLIMPSE OF PM SHRI ACTIVITIES

*“Education is the most powerful weapon which you can use to change the world”*

## Message from the Principal



Implementation of PM SHRI scheme has been a committed effort for transformation in the Vidyalaya in every sphere, based on the vision of National Education Policy 2020. From the submission of application to the assessment of outcomes, the involvement of the teachers, students and other stakeholders has been commendable, creating a sea change in the availability and quality of resources, attitudes that developed and the value system that has been cultivated. To mention a few, Implementation of Toy Based Pedagogy has revamped the ambience of classrooms, bringing a zest for creating their own knowledge through play among the students. Kitchen Garden, Butterfly garden and composting facilities have brought the students close to nature instilling in them respect and gratitude to the nature's bounties and giving a first-hand experience of agriculture to them.

The activities been highly appreciated by the parents of our students as they are involved in many activities and are impressed by the visible progress in the character formation and learning levels of their wards. The PMSHRI scheme has provided us an opportunity to develop an equitable, inclusive and joyful environment that takes care of the diverse backgrounds, multilingual needs and different academic abilities of children and makes them active participants in their own learning process.

"Education is the passport to the future, for tomorrow belongs to those who prepare for it today." Let's move forward with zeal, united in our preparation for tomorrow.

Jeena T V

Principal

## **Message from the PM SHRI Co-ordination committee**

We are delighted to share with you the remarkable journey of our Vidyalaya under the PM SHRI initiative. We have witnessed tremendous growth and development under the PM SHRI scheme. We are proud to showcase our achievements in this magazine. A kaleidoscope of activities were conducted under the PM SHRI initiatives. As we celebrate our success we look forward to the future with excitement and hope. We are committed to continuing our efforts to provide a holistic education and shape the minds of tomorrow.

We extend our heartfelt gratitude to our Principal, Teachers, Students and Parents for their unwavering support. We wish our students all the best for their future endeavors.

May they continue to shine and make us proud.

Thank you for joining us on this journey.

**PM SHRI Committee**

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**PILLAR – 1**

**CURRICULUM,  
PEDAGOGY  
AND  
ASSESSMENT**

## टीएलएम (प्राथमिक)

प्राथमिक शिक्षा में शिक्षण अधिगम सामग्री का उपयोग छात्रों के सीखने के अनुभवों और परिणामों पर महत्वपूर्ण प्रभाव डालता है। यह दृश्य सीखने की समझ और अवधारण को बढ़ाता है और छात्रों को बेहतर समझने में मदद करता है। यह इंटरैक्टिव लर्निंग में भी मदद करता है, सीखने को और अधिक आकर्षक बनाता है। यह आलोचनात्मक सोच भी विकसित करता है, रुचि और प्रेरणा बनाए रखने में मदद करता है। टीएलएम व्यावहारिक गतिविधियों को बढ़ावा देता है जो छात्रों को स्वयं अन्वेषण करने के लिए प्रोत्साहित करता है। कुल मिलाकर, टीएलएम का उपयोग शिक्षार्थियों के सीखने के अनुभव को समृद्ध करता है।



## SCIENCE KIT

The science kit has sparked curiosity and excitement in students, fostering a love for hands on learning. Students have developed a deeper understanding of scientific concepts through experimentation and investigation. The science kit has improved student's critical thinking and problem-solving skills, preparing them for real world challenges.



## गणित किट

गणित किट ने गणित सीखने को एक मजेदार और आकर्षक अनुभव बना दिया है, जिससे छात्रों में गणित की चिंता कम हो गई है। छात्रों ने गणितीय अवधारणा की एक मजबूत समझ विकसित की है, जिससे उनकी समस्या-समाधान कौशल और सटीकता में सुधार हुआ है। गणित किट ने छात्रों को जटिल अवधारणाओं की कल्पना करने में मदद की है, जिससे गणित अधिक सुलभ और मनोरंजक बन गया है। छात्र अपने गणित कौशल में अधिक आश्वस्त और स्वतंत्र हो गए हैं, जिससे शैक्षणिक प्रदर्शन में सुधार हुआ है।





## SCIENCE CIRCLE

The availability of science circle in the Vidyalaya develops the scientific curiosity in the students. It helps to develop in student's collaboration and teamwork. It encourages the students to think outside the textbook and explore the real world. It also helps the students to develop a strong foundation in science and essential skills for future success.



## MATHS CIRCLE (VEDIC -MATHS)

The Vedic math's sessions conducted in the Vidyalaya was indeed a unique experience for the students. They enhanced mental arithmetic skills of the budding learners allowing for quicker and more accurate calculations. The vibrant sessions improved the problem solving abilities of learners fostering a deeper understanding of mathematical concepts. The sessions were highly inspiring and motivating kindling in students, love and deeper understanding of the subject, thereby helping them to develop a positive attitude towards the subject.



## BOOKS FOR LIBRARY

Purchasing books for library provides numerous benefits for students. Reading variety of books improves the reading skills of learners. Reading also broadens his/her understanding of various subjects. Reading also stimulates the creativity and imagination of the budding learners. Books encourages, analysis and critical thinking skills. Diving deep into the world of books- the learners get a glimpse of the diverse culture. Reading books also fosters love for learning and helps in the overall development of students. The world of books transports the students to a world of joy and ecstasy.



## SPORTS EQUIPMENT

The purchase of sports equipment for students have a multitude of positive outcomes. The use of sports equipment gives access to a variety of sports activities helping students to stay healthy and active. Physical activity reduce stress, depression and promotes the wellbeing of the students. Regular exercise improves the concentration of learners. Team sports foster a sense of team work and cooperation and ability to work towards common goal.



## **PSYCHOMETRIC TEST**

The psychometric test conducted for the students was indeed an experience. The session provided variety of insights into student's cognitive, emotional and social development. The tests helped to identify students who may need additional support. The session also helped students to understand their own strengths and weaknesses and also areas of improvement. Students understand their preferences and interest to guide future educational and career goals. The session helped the learner in identifying areas where the students show natural talent and interest.



## चिकित्सा शिविर

दिनांक 30/10/2023 को विद्यालय में पीएम श्री पत्रिका 2023 - 24 पीएम श्री योजना के तहत एक चिकित्सा शिविर और पहचान मूल्यांकन शिविर आयोजित किया गया था। मूल्यांकन शिविर में गौतम अस्पताल के विशेषज्ञ डॉक्टर शामिल थे। विद्यालय के विद्यार्थियों का स्वास्थ्य परीक्षण किया गया। विशेष आवश्यकता वाले बच्चों की पहचान की गई। प्रिंसिपल मैडम जीना टीवी की निगरानी में मूल्यांकन शिविर बेहद सफल रहा।



## ROBOTICS CODING

Robotics coding fosters critical thinking and problem-solving abilities as students tackle real world challenges through programming. Students engage in designing and building robotics, nurturing creativity and innovation in finding solutions to diverse problems. Robotics coding often involves group projects, enhancing students' teamwork and communication skills as they collaborate to accomplish goals. It equips students with valuable coding skills. Integrating coding with robotics helps students to multi-disciplinary learning, connecting concepts from Mathematics, Physics and Computer Science. It cultivates an innovation mindset as students explore and experiment with coding to create functional and imaginative robotic solutions.



## CYBER SECURITY

The talk about cyber security has raised students' awareness of online threats, equipping them with knowledge to identify and mitigate potential risk in their digital activities. Students gain a deeper understanding of responsible online behavior, enhancing their digital literacy and empowering them to navigate the internet securely. It also helps the students appreciate the importance of safeguarding their personal information, promoting privacy-conscious practices in their online interactions. A focus on cyber security includes discussions on cyber bullying prevention, promoting a safe and respectful online environment for students.





## CITIZENSHIP SKILLS AND CONSTITUTIONAL VALUES

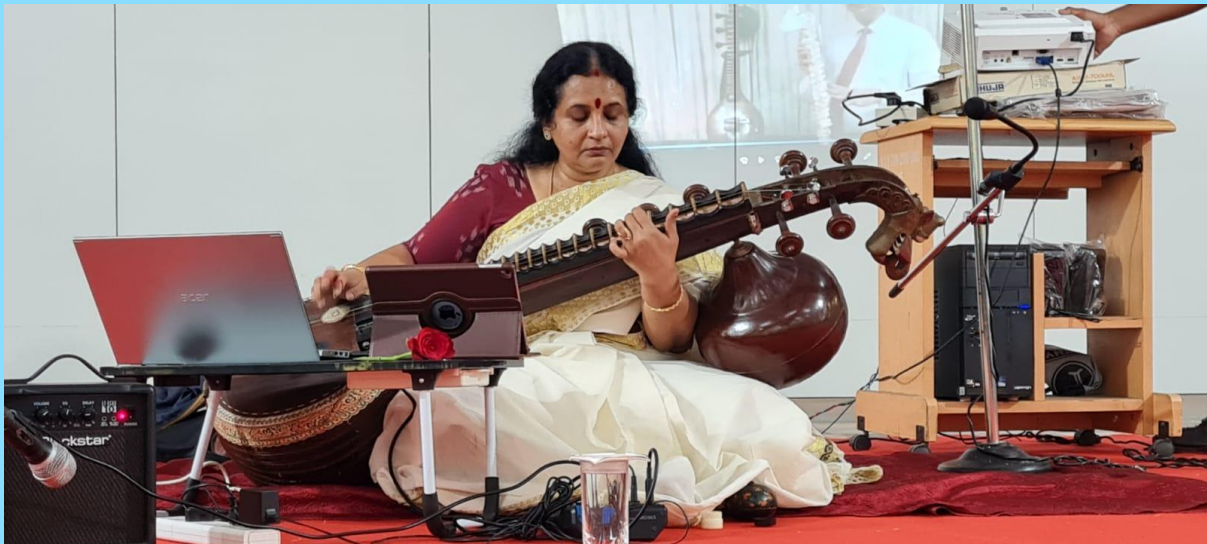
Citizenship skills and constitutional values play a pivotal role in shaping the development of school children. The talk delivered in the Vidyalaya by adv. Gajendra Singh delves in the significance of instilling these principles in the educational system and how they contribute to the holistic growth and well-being of young individuals. The talk empowered the learners to embrace their civic responsibilities. Engaging in community service enhances their understanding of social issues. Constitutional education encourages critical thinking. The workshop delved deep into the importance of rule of law where the individuals abide by established norms.



## AMALGAMATION OF CARNATIC VOCAL MUSIC

### VEENA AND YOGA

The entire programme was enriching the children's well-being. The fusion of Carnatic vocal veena and yoga proved to be transformative experience for our children, offering a unique blend of musical and physical expressions. The workshop delved into the multifaceted benefits of this fusion. It also contributed to the holistic development and well-being of our young minds.



## VISIT TO HILL PALACE, KERALA MUSEUM, VAIKOM MUSEUM

The students visited the above historical places and developed an understanding of Kerala's history, culture and heritage. The visit helped the students to appreciate the traditional architecture of Kerala.



The visit to Vaikom museum helped the students to understand the significance of Vaikom Satyagraha and its impact on the nation.



## TRAINING ON POTTERY MAKING

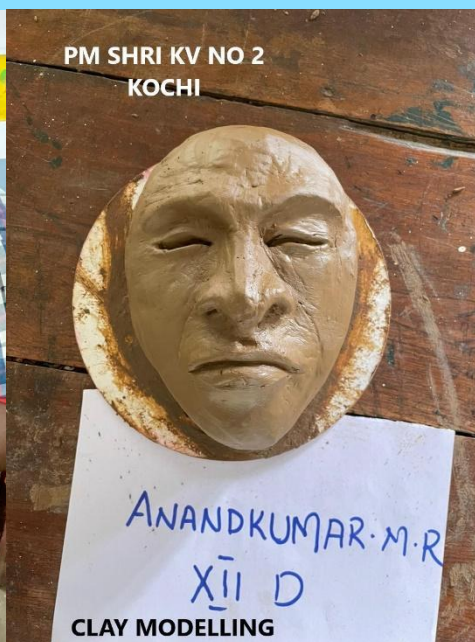
A training on pottery making was held from 13 & 14<sup>th</sup> and came to close on 16<sup>th</sup> of December 2023. Secondary students of classes VI to VIII attended the same. Students took part enthusiastically. Their tender hands moved in rotation creating amazing art. This was indeed a hands on skill experience for the students. The sessions were filled with vibrance & enthusiasm.



## TOY LIBRARY-RAW MATERIAL

### ART AND CRAFT

The art and craft materials purchased as a part of toy library helps to develop the creativity, imagination and innovation skills of the learners. It encourages appreciation for art, design and aesthetics. It fosters self-confidence and self-expression.



## MUSICAL INSTRUMENTS

Learning to play musical instruments allows students to express their creativity and explore their artistic talents fostering a sense of individuality and self-expression. Music has a positive impact on Mental health and emotional well-being, helping students manage stress, anxiety promoting relaxation & enjoyment. It also encourages team work and cooperation among students. Learning to play Musical instruments requires dedication, practice, discipline & teaching students' valuable life skills such as perseverance & responsibility. It also exposes students to diverse culture promoting cultural awareness and appreciation for diversity. Mastering Musical skills boost the confidence of students. It enriches the experiences of learners & nurtures life- long love for Music.



## **BALAVATIKA TOYS BASKET**

Balavatika Toys Basket provide a designated storage space for toys helping to keep the classrooms and play area organized & tidy. This makes it easier for students to find out & access toys during play time. Having a specific place to store toys encourages students to take responsibility for tidying up after themselves.

They also learn valuable organizational skills. It also helps to keep the classroom floor clear of toys. This promotes a safer environment for students to move around & play in. Storing toys in balavatika basket helps in protecting them from damage & loss. These baskets that are coming in various colors & shapes create an inviting & aesthetically pleasing environment. This promotes organizational independence, safety & add visual appeal to the environment.





## FURNITURE

Organized furniture makes TLM toys easily accessible to children, allowing them to independently select & engage with educational materials based on their interest & learning needs. By providing designated storage space for toys, furniture encourages children to take responsibility for tidying up after play sessions, promoting independence fostering a sense of ownership over their learning environment. Well organized toys invite children to explore, experiment fostering curiosity creativity & a love for learning through hands of exploration. Furniture with built in storage solutions helps maintain a tidy and organized environment. It also supports classroom management.



## BUTTERFLY GARDEN

Butterfly garden provides hands on learning experiences about the lifecycle of butterflies, pollination and the importance of bio-diversity. Observing butterflies in their natural habitat sparks children's curiosity & encourages them to ask questions about the natural world, fostering a lifelong interest in science and nature. It instills a sense of responsibility for protecting the environment among students. Spending time in the garden has a calming effect on students reducing stress and promoting mental well-being through close interaction with nature.



## SOIL TESTING KIT

Conducting soil test using a kit provide valuable educational outcomes for the learner. Students learn about the different components of the soil. Testing can also reveal the level of essential nutrients. Students develop skills in collecting samples conducting test, recording data and analyzing result. It also creates an awareness of the importance of healthy soil for agriculture.



## WHEELCHAIR & STRETCHER

Wheel chair enable students with mobility impairments to access classroom, hallways and other school facility ensuring their participation fully in educational activity alongside their peers. It empowers the students to move around the school independently promoting self-reliance in navigating their environment. It also helps in social interaction and peer relationships. They are also able to attend classes and participate in hands -on learning activity maximizing their educational opportunities and academic achievements. The stretchers have helped reduce injuries and accidents caused by uneven surface.



**PILLAR - 2**

**ACCESS**

**INFRASTRUCTURE**

**– ADEQUACY,**

**FUNCTIONALITY,**

**AESTHETICS &**

**SAFETY**

## TREE SAPLING

Planting of tree sapling in the school encouraged the environmental awareness of the students. It also fostered a sense of ownership and care for nature. It also encouraged hands-on learning and outdoor education. This gave the children an opportunity for inter-disciplinary learning.



## COMPOST BIN

The compost bin purchased are well placed on the side wing of the primary. It is designed to harness the natural process of decomposition. The compost bins are placed on shady plots. This reduce the waste and improve soil health. This is a baby step towards the cleanliness of the Vidyalaya, also paves way for a healthy environment.



## KITCHEN GARDEN

The kitchen garden at the backyard of the school provides students with hands on experience, fostering a deeper understanding of agriculture and environmental science. It lives and serves as a living classroom allowing students to observe the plant growth, learn about soil health and gain knowledge about sustainable food production. The garden promotes teamwork, responsibility and sense of accomplishment among students as they witness the fruits and vegetables of their hard work.





## COLOURFUL SORTING OF DUST BINS

The availability of colorful sorting of dust bins in school creates environmental awareness and responsibility. It encourages the waste management habits in children. They understand the value of improved cleanliness and hygiene in the school premises.



## SWACHHATA CAMPAIGN

On October 12<sup>th</sup> 2023, the Vidyalaya undertook the task of cleaning the beach area. Forty students of the Vidyalaya under the power filled guidance of Principal madam Jeena T.V and few staff members accomplished the task of cleaning the waste like plastic, garbage and dry leaves. This programme instilled good hygiene habits and a sense of responsibility among the students.



## FIELD TRIP

### CUSAT AND THRISSUR

The field trip to CUSAT was an exhilarating experience. The lecture about the history of CUSAT was amazing. Children were exposed to library and different labs. They were familiarized with experiments and books. It was indeed an awareness trip.

The field visit to Thrissur Vignan Sagar Science Centre has sparked curiosity and excitement in students, inspiring them to explore scientific concepts and principles in a hands-on and interactive way.





## ANNUAL SPORTS DAY

The annual sports day was conducted in the Vidyalaya with various events that developed teamwork and sportsmanship skills through participation in various events. It encouraged a healthy and active lifestyle among students. Overall, the annual sports day helped students develop physically, socially and emotionally, and created a fun and memorable experience for them.



## LAB EQUIPMENT-BIOLOGY

The availability of biology lab equipment creates an improved understanding and retention of biological concepts in students. It enhances hands-on experience and experimentation skills. It also encourages critical thinking and problem-solving abilities.



## LAB EQUIPMENT-PHYSICS

The availability of physics lab equipment helps to improve the experimental and investigation skills of students. It encourages collaboration and teamwork through group experiments and projects. By using physics lab equipment, students gain a deeper understanding of complex concepts.



## SMART CLASSROOM

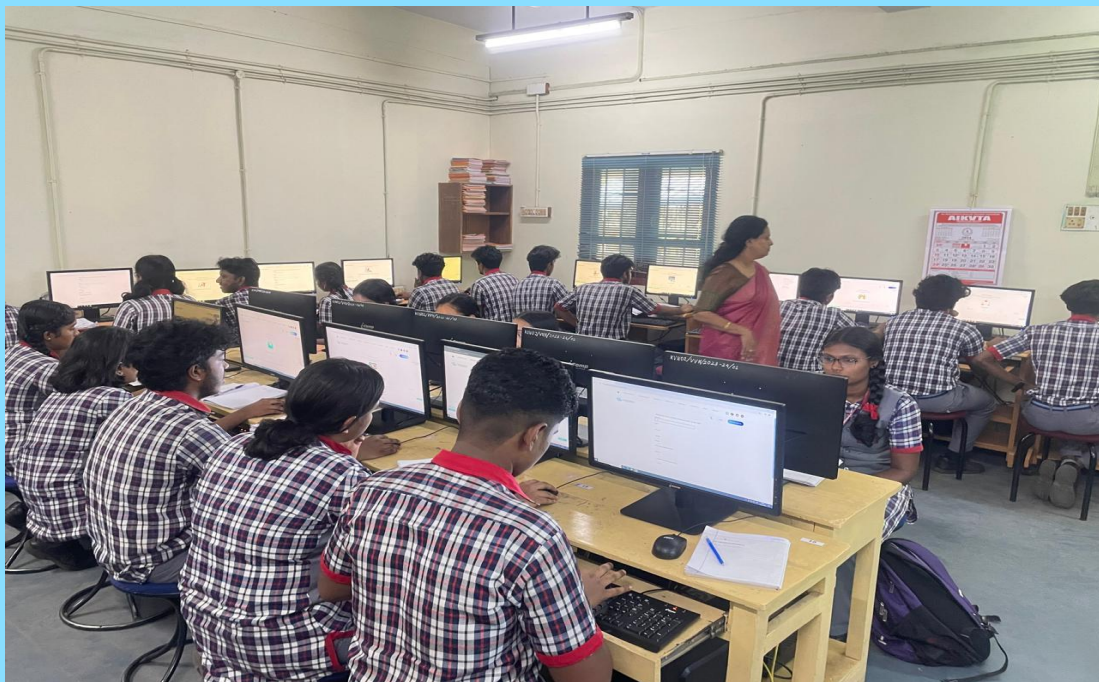
The smart classroom is now available to the teachers and students helping in taking education to the next level. A more interactive way of learning has been introduced with so many benefits. It incorporates technology and innovation in its teaching and learning process to improve the quality of education. The learning experience of students through smart class has made it easier for teachers to relate subjects to the students.





## DESKTOP COMPUTERS

The use of desktop computers improved digital literacy and computer skills among students. It enhanced learning experience through interactive and engaging educational software. It also enhanced creativity and productivity through multimedia projects and presentation.



# **PILLAR – 4**

# **INCLUSIVE PRACTICES AND GENDER EQUITY**

## SELF DEFENSE TRAINING FOR GIRLS

The girls were given training to defend themselves against physical attacks. Students(girls) of the Vidyalaya equipped themselves – this also paved way for building immense confidence in them. This also helped the girls to boost morale and self-control. The programme was a giant step towards empowering our girls.



## VENDING MACHINE

The vending-machine has been installed to provide sanitary napkins for girls who need them. They can access sanitary protection with minimum of embarrassment. The purpose is to promote safe and hygiene sanitary practices among the girls. The benefit of installing such vending machine in school is that it will help to increase the number of students who use this machine. This will not only help to make the environment cleaner but also reduce the number of bacteria in the school premises.



## INCINERATOR

The incinerator purchased under PM SHRI scheme is a quick and modern method to dispose used sanitary napkins. It avoids practice such as flushing sanitary napkins, disposing them in the washrooms or throwing them in the toilets. Another benefit is self-disposal by the user by directly putting it into the incinerator. It is also an ecofriendly disposal, it also helps to eliminate harmful germs and chemicals.





***“Nurturing Well Rounded Individuals equipped with 21st Century skills”***