



# Antariksh

School Magazine 2021 - 2022 & 2022 2023

Vikram Sarabhai Space Centre, Thiruvananthapuram



VSSC Central School



**VSSC CENTRAL SCHOOL**  
THIRUVANANTHAPURAM 2022-23

CLASS: X A



# *Antariksh*

School Magazine | 2021 - 2022 2022 - 2023



**VSSC CENTRAL SCHOOL**  
THIRUVANANTHAPURAM 2022-23

CLASS: X B



# *Antariksh*

School Magazine

2021 - 2022 2022 - 2023



## VSSC Central School

Vikram Sarabhai Space Centre  
Thiruvananthapuram 695 022

# Antariksh

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Behind our Strength



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Distinguished Scientist &  
निदेशक/Director



## MESSAGE

July 11, 2023

I am extremely happy to learn that VSSC Central School is bringing out a printed version of magazine christened as Antariksh 2021-22 and 2022-23 as a single edition. The magazine is offering unique opportunities to student community to show case their talents apart from the academic activities. Such efforts will nurture the multifaceted talents in students and inspire both students and teachers. I urge all the students to make original, creative materials for the magazine.

The creative minds have no boundaries, be it story, drama or sketches, cartoons or any type of extension of talents. I presume that you have taken time out of your academic activities and created the materials that are included in the magazine. I congratulate the students as well as the teachers for the tireless effort to bring out such a nice magazine.

  
(Unnikrishnan Nair S) 17

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मनोज सी आइटीएस  
मुख्य नियंत्रक  
**MANOJ C ITS**  
Chief Controller



## Message

*There never is a point in the life of a person when he/she can sit back and say, "there is nothing more to learn, I can relax with a comfort that the universe around me is an open book, I know it all".*

*Education is not just about subjects that are taught and learnt in school. It is lifelong, that can be unbelievably exciting, if only we wish to jump into the train of experience and take a trip to every conceivable place. For that, children, teachers and parents have to appreciate that education is never confined to lessons taught in the classroom.*

*Our school should strive hard to make the best efforts to inculcate strong values combining with other activities of interest among our students. This will develop a child's creativity and imagination and transform children as productive adults ready to make own contribution to the society. The school magazine is a platform to express and exhibit the budding talents of our students. I hope that the magazine will showcase some of the best creative minds in the school.*

*Special congratulations to the toppers of classes X and XII for their stellar performance in AISSE and AISSCE Examinations 2023. My best wishes to all our students, to excel further and become learners lifelong, thinkers and productive members of a global society, with active support of their teachers and parents.*

  
(Manoj C)

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**B. ANIL KUMAR**  
SENIOR HEAD, P&GA



## Message

It is an honor to address you through this esteemed school magazine. Education is the foundation of progress, and I commend this institution for nurturing young minds and creating a vibrant learning environment.

The talent, creativity, and passion for knowledge displayed by the students have truly inspired me. Your achievements in academics, sports, arts, and community service exemplify hard work and determination. Each of you has the potential to make a positive impact on society, and I have no doubt that you will continue to shine in your future endeavors.

I applaud the faculty and staff for their unwavering commitment to excellence. Thank you for your tireless efforts in shaping the holistic development of students. Congratulations to the students who won the CBSE National Science Exhibition 2023 in Junior. Also, my wishes to the team who bagged the Second place in CBSE Coding Challenge in South Zone.

As you peruse this magazine, may it serve as a reminder of the boundless opportunities that lie ahead. Let the stories, achievements, and aspirations within these pages ignite your own passions and drive for learning.

To the students, embrace knowledge, creativity, and your individual talents. Your journey has just begun, and I am confident you will achieve remarkable feats.

Warm wishes to the entire school community. May this magazine inspire generations to come and showcase your collective achievements.

Regards

(B. ANIL KUMAR)

## Principal Speaks




Flipping through the articles penned down in the magazine, I have come across the talent, creativity, perseverance and patience of the young minds. It also gave an insight, that the mind of the young learner has its moments of worry and anxiety, as she/ he gazes at the reality dawning beyond the last crystal reaches of the sunlight. To turn these moments into a trail of success, comes the role of one's mindset.

When a puzzle is given to a group of students, some become elated and are eager to solve it, while some will be totally disinterested. The one who fails to confront the particular puzzle feels doltish when compared with the 'smart' ones. Instead of labelling students as 'dumb' or 'smart', we must realize that people differ in their caliber. Losing or winning a puzzle doesn't deliver the tag 'smart' or 'daft'. It mirrors the mindset we practice and project. Whether we have the innate strive to achieve or whether our potential is limited- the choice is always ours.

Practicing growth mindset help one to cultivate and upskill the abilities while the fixed mindset will make one not to move out of their comfort zone. The growth mindset allows people to thrive during some of the most challenging times in their lives. Getting a grade C and not A should not make you feel worthless or rejected. The growth mindset will help you to understand that the grade C guide you to work hard and pull up the grade in the next examination. Effort is what makes you 'smart' and talented, whether you win or not win. Effort should be in the right way, sometimes 'too much' effort without focusing on the cause may not be helpful. The journey to growth mindset is to identify the triggers of fixed mindset- whether it is failures, criticism or disagreements- and conquer it. Every individual has the capacity to learn and grow when the mind is open to broad horizons.

With NEP 2020 emphasizing creativity and collaboration as important skills in modelling a student, the school magazine should be the befitting platform to execute it. Creativity often requires connecting unrelated things or looking at the problem from different perspectives. By exploring ideas outside of mainstream norms, students build creative confidence. Releasing a magazine of this immense, required collaborative and creative approach of students and teachers. It realized the very idea of building a growth mindset towards creativity, the "creative mindset", preparing our students to become confident creators. Let this School Magazine, 'Antariksh' help to inspire creativity and scientific temper along with the ultimate reaches of the human imagination to the unbounded and enigmatic spaces.

  
**Dr. Beena Prabha**



## FORMER PRINCIPAL SPEAKS

*The highest education is that which does not merely give us information but makes our life in harmony with all existence- Rabindranath Tagore.*

Today education is unfortunately linked with employment alone. Education is equated with getting jobs, earning money, scoring good marks, status symbol in society or speaking fluent English. But it would be worth our while to pause and ponder if we are nurturing a brood of happy adults who would contribute to a happy society. Does the education system instill in our youth a sense of responsibility towards their parents, society and environment? Does it help draw a balance between modernisation and culture? Does it teach the art and need of living in "harmony with all existence" as envisaged by Tagore?

Research reveals that education leaves us with a lot more to be desired. The National Education Policy 2020 seeks to unravel and redefine the role of education today in order to grapple with pressing modern issues like gender parity; health concerns and hygiene; safety and disaster management; resource depletion; climate change and environmental degradation. The National Education Policy 2020 delves into India's deep tradition and knowledge systems to seek the answer. The policy envisages new pedagogical and curricular restructuring of the educational system covering ages 3-18

The structure of 5+3+3+4 is strongly based on Early Childhood Care and Education (ECCE) from age 3 and aims at promoting better overall learning, development, and well-being as the student evolves from a happy child to a responsible adult

The National Curriculum Framework (NCF)2022 for the Foundational Stage is developed to enable implementation of the National Education Policy (NEP) 2020 to provide a basis for quality and equity. The objective of NCF 2022 is to positively transform the school education system of India through corresponding positive changes in the curriculum and pedagogy.

It is grounded on the following sound principles

- That every child is capable of learning.
- That each child is different and grows, learns, and develops at their own pace.
- That children learn through observation, imitation, collaboration and concrete experiences.
- That children learn best when they are respected, valued, fully involved in the learning process.
- That play and activity are primary ways of learning and development.
- That continuous opportunities for children to experience, explore, and experiment with the environment are important for learning.
- That families and schools are partners in children's learning.
- That care is central to learning.

NCF lays emphasis on Early Childhood Care and Education (ECCE) The care and education of children from birth to eight years is crucial to a child's development. The role of home especially up to the age of 3 and then the role of the education institution till grade two are the thrust areas of ECCE. Quality care during childhood ensures brain development, school preparedness, improved learning outcomes, employability and overall growth of the country.

In order to achieve its objectives, the NCF recommends curricular goals for physical; social; emotional and ethical; language and literacy; aesthetic and cultural development and for positive learning habits.

The goal of NCF is to ensure that both literacy and numeracy go hand in hand. Language acquisition (literacy) is achieved through the home language enabling the learner to become an independent reader by grade 3 and numerical skills (numeracy) is achieved by understanding numbers and its relations to being able to handle data..

An entire paradigm shift in education is in the offing and schools must be prepared to take it on in full measure. Partnership of parents and school is imperative to realise the visions of the NEP and NCF to its fullest. Teachers will be expected to unlearn, learn and relearn and adapt pedagogical changes to suit the demands of the time. They must learn to transact knowledge by engaging, exploring, explaining, elaborating and evaluating. They must recognise that children blossom into beautiful and healthy humans when they are encouraged to talk, listen, use toys, paint, draw, sing, dance, run and jump.

For joyful learning to take place we must recreate our classroom with

- Self- Discipline and desirable classroom behavior.
- Constant adult supervision
- No physical violence or corporal punishment
- No bullying, harassing, or intimidating.
- Proper intervention to correct inappropriate behaviour
- Zero tolerance of child sexual abuse.
- Awareness of child sexual abuse, attd the POCSO Act

As we take care of the development of the various domains we also ensure the gradual and less taxing shift from foundational to curricular areas

As stakeholder wneed to create auppqrtrive ecosystem for our learners. Some of the ways todo so would be to enable and empower teachers with autonomy and accountability. To ensure an appropriate environment for learning with adequate learning infrastructure and suitable pupil student ratio. To loop in parental and family support in ensuring enrolment, attendance, observations and by leveraging technology

We need to move forward and aspire for the skies and beyond. But we would do well to know and recognise our roots and tradition and to breathe in the elixir of harmony, the spirit of vasudaivakutumbakam, that India gifts to the world and one that is etched deeply in every Indian psyche

Let me conclude with a beautiful quote from the father of our nation: Happiness is when what you think, what you say, andwhat you do are in harmony.

With fondest prayers for the school and seamless love for the children, I wish joy and success in all the school's pursuits towards the wellbeing of its stakeholders and the world at large.



**Dr. Pushpa R. Menon**

## Vice Principal Speaks



Dear all,

It is my pleasure to pen down lines of past memories, present actions and future expectations for our esteemed school magazine, ANTARIKSH. It fills my heart with joy to announce our outstanding results in the AISSE and AISSCE of 2023.

I would like to acknowledge the creative and talented individuals who have contributed to the creation of this magazine. Your efforts have brought ANTARIKSH to life, and I'm sure it will be a source of inspiration for many.

Winning prizes is undoubtedly an achievement, but I urge all our students to remember that participation itself is a significant step towards growth and learning. It's in those moments of challenge and perseverance that we truly discover our potential.

I encourage each one of you to embrace your passions, explore new horizons, and never be afraid to step out of your comfort zone. Your journey at our school is not just about grades and awards; it's about the experiences, friendships, knowledge, life skills and human values you gain along the way.

As you go through the pages of ANTARIKSH, remember that your time here is a unique chapter in your life, and the lessons you learn and the memories you create will stay with you forever. So, make the most of it, cherish every moment, and continue to strive for excellence in all that you do.

I extend my best wishes to all our students, and I hope you continue to shine and achieve great heights. Together, we can reach for the stars and make our school proud.

  
**Dr.T Kannan**

# Editorial

Dear Readers,

It is with immense joy and pride that we unveil the latest edition of our beloved school magazine, ANTARIKSH. This publication is not just a collection of words and images; it is a testament to the extraordinary creative talents that flourish within the walls of our school.

ANTARIKSH has always been more than just a magazine; it is a gallery of our students' diverse and exceptional achievements. It is a window into the vibrant tapestry of experiences and celebrations that define our school community. With each turn of the page, you will delve deeper into the heart and soul of our student body, discovering the stories, talents, and moments that make us who we are.

Every square inch of this magazine has been meticulously curated to offer you a rich and immersive experience. From thought-provoking articles to heartwarming anecdotes, from captivating visuals to insightful commentary, ANTARIKSH has been designed to captivate and inspire.

What sets this edition apart is the remarkable fact that the illustrations gracing these pages are not the work of seasoned artists but the imaginative creations of our very own students. We are constantly amazed by their talent, and we are delighted to share their artistic expressions with you.

As you embark on this literary and visual journey through ANTARIKSH, we hope you will be as captivated and inspired as we have been in putting it together. This magazine is a reflection of our collective spirit, and we extend our heartfelt gratitude to all who have contributed.

So, dear readers, sit back, relax, and allow yourselves to be transported into the world of ANTARIKSH. Your participation in this voyage means the world to us, and we look forward to your feedback and continued support.

Happy Reading!

Saritha RP ( TGT English)  
Chief Editor.

## STAFF MEMBERS

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Dr/Shri/Smt/Kum

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Beena Prabha

### Vice Principal

Kannan T

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Jayasree R

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Ramya R Kurup

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Finny James

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Ladies' Staffroom II	-	2562579
Ladies' Staffroom III	-	2562577
Library	-	2562797
Exam Room	-	2563331
Security	-	2562576

# THE LAURELS WHO MADE US PROUD

## OUR ACHIEVERS-CLASS XII (2021-2022) SCIENCE STREAM



### **I Mehtab Arif**

- The award for the best in Academics - (Class XII) 2021-2022 in Science stream
- Balasubhranian Award for the student who scored the highest mark in Mathematics - 2021-2022 (Class XII)



### **II A Parani Sankar**

- The award for the best in Academics - (Class XII) 2021-2022 in Science stream



### **III Sona Susan Babu**

- The award for the best in Academics - (Class XII) 2021-2022 in Science stream



### **I Andria Vincent**

- The award for the best in Academics - (Class XII) 2021-2022 in Commerce stream
- VSSC Central School merit award for the Best outgoing student - 2021-2022 (Class XII).



### **II Alan Rajan**

- The award for the best in Academics - (Class XII) 2021-2022 in Commerce stream



### III Akash B R

- The award for the best in Academics - (Class XII) 2021-2022 in Commerce stream

## CLASS X (2021-2022)



### I Eby Rajesh Thomas

- Best in Academics - (Class X) 2021-2022
- VSSC Central School merit award for the Best outgoing student - 2021- 2022 (ClassX).



### II Shagun Guleria

- Best in Academics - (Class X) 2021-2022



### III Surabhi Chaudhary

- Best in Academics - (Class X) 2021-2022

**OTHER ACHIEVERS****Nirmal MD**

- Menon's Award for English Language Skills given to the students who scored the highest mark in English - 2021-2022

**2022-23 SCHOOL TOPPERS (CLASS 12: 2022-23)  
SCIENCE STREAM****I PARVATHY M J**  
482/500- 96.4%**II AMINA M M**  
470/500- 94%**III KRISHNA S P**  
463/500- 92.6%**III R BHOOPATHY**  
463/500- 92.6%**III R K NANDHINI**  
463/500- 92.6%**COMMERCE STREAM****I ATHUL A**  
463/500 -92.6%**II CHRIS TONY**  
459/500 -91.8%**III AVANDHIKA R  
KUMAR**  
449/500 -89.8%

**SUBJECT TOPPERS - CLASS XII - 2022-23**



**Parvathy M J**  
ENGLISH 99/100  
MATHS 95/100  
PHYSICS 95/100  
CHEMISTRY 95/100  
COMPUTER SCIENCE 98/100



**Amina M M**  
ENGLISH 99/100  
MATHS 95/100  
PHYSICS 95/100



**R Bhoopathy**  
MATHS 95/100  
PHYSICS 95/100



**S Sreejith**  
MATHS 95/100  
PHYSICS 95/100



**S R Anasuya**  
MATHS 95/100  
PHYSICS 95/100



**Hafiz O S**  
MATHS  
95/100



**Mithra Dev M S**  
PHYSICS  
95/100



**R K Nandhini**  
PHYSICS  
95/100

## SUBJECT TOPPERS - CLASS XII - 2022-23



**Krishna S P**  
BIOLOGY  
96/100



**Avandhika R  
Kumar**  
INFORMATICS  
PRACTICES  
93/100



**Athul A**  
ECONOMICS  
97/100  
BUSINESS  
STUDIES  
96/100



**Chris Tony**  
ACCOUNTANCY  
100/100

## SCHOOL TOPPERS (CLASS 10: 2022-23)



**I Abhitha Abhilash**  
97.6%



**II Harithra Nair**  
96.2%



**III V. Parvathy**  
95.2%



**III Shreya Sumesh**  
95.2%

## SUBJECT TOPPERS - CLASS X - 2022-23



**Gauri Lekshmi B**  
ENGLISH  
100/100



**Shreya Sumesh**  
MALAYALAM  
100/100



**Hennli Maria**  
MALAYALAM  
100/100



**Abhirami A**  
MALAYALAM  
100/100



**Harithra Nair**  
SANSKRIT  
100/100



**Ardra Ajesh**  
HINDI  
95/100



**Siddhiksha Dehury**  
MATHS  
95/100



**V. Parvathy**  
MATHS  
95/100



**Abhitha Abhilash**  
SCIENCE  
99/100  
SOCIAL SCIENCE  
99/100

## OFFICE BEARERS 2022-23

### SCHOOL CAPTAIN



PARVATHY MJ

### VICE CAPTAINS - Class - X



ABHITHA  
ABHILASH



EBY RAJESH  
THOMAS

### VICE CAPTAIN - Class - IX



VAISHNAV PP

### VICE CAPTAINS - Primary



MAHADEVAN R



TIYA ELIZABETH  
JOBI

## HOUSE CAPTAINS



KRISHNA SP  
Tagore House



SAVANT P BIJU  
Raman House



PAUL OSCAR  
Ashok House



BHOOPATHY  
Subash House

*Annual Report**2021-22***ACADEMIC ACHIEVEMENTS****Results of the AISSE and AISSCE-2021-22**

71 students appeared for the Class X Examination. 60 students secured First class including 41 distinctions and 19 students got above 90%. 33 students got more than 80%. 2 students secured 100 in Science.. Details of the Rank holders and Top Scorers are as follows:

**Rank Holders**

First Rank	:	EBY RAJESH THOMAS 491/500 (98.2%)
Second Rank	:	SHAGUN GULERIA 484/500 (96.8%)
Third Rank	:	SURABHI CHAUDHARY 483/500 (96.6%)

## Top Scorers (Subject Wise)

Subject	Name	Percentage
English	Eby Rajesh Thomas	99
	Shagun Guleria	
	Surabhi Chaudhary	
	Aswathy Pillai	
Second Language		
Malayalam	Henna Maria	99
Hindi	Sidra Fathima	96
Sanskrit	Gv Janani	78
Mathematics	Eby Rajesh Thomas	99
	Aaditya S	
	Surabhi Chaudhary	
Science	Eby Rajesh Thomas	100
	Surabhi Chaudhary	
Social Science	Eby Rajesh Thomas	98
	Henna Maria	

54 students appeared in the AISSCE. 37 in Science Stream and 17 in Commerce stream. 16 students got distinctions and 10 students got above 80% in Science stream. 6 students got distinctions and 15 students secured First Class in Commerce stream. The highest score was 89.6% in the Science stream and 93.4% in the Commerce stream.

In the Science Stream Mehtab Arif bagged the first position with 89.6%. R Paranisankar secured the second position with 87.8% . Sona Susan Babu secured the third position with 87.4 %.

In the commerce Stream Andria Vincent bagged the first position with 93.4%. Alan Rajan secured the second position with 83. 2% and Akash B Rsecured the third position with 83%.

Subject	Name	Percentage
ENGLISH	Nirmal Md	93%
MATHS	Mehtab Arif	89%
PHYSICS	Mehtab Arif	95%
CHEMISTRY	A ParaniSankar	93%
COMPUTER	Sona Susan Babu	95%
BIOLOGY	Sanika P	97%
BUSINESS STUDIES	Andria Vincent	93%
ACCOUNTANCY	Andria Vincent	95%
ECONOMICS	Andria Vincent	92%
IP	Andria Vincent	97%

## ADMISSION POLICY

The school admissions to various classes were conducted through both online and offline mode following the Covid protocol and restrictions. There were three divisions for Class I for the year 2021-22 (Division 'C' approved by the center) owing to the increase in the number of applicants. 113 students were admitted in class 1, 60 students in class XI and 22 students in other classes (2-9) under various priorities.

## COUNSELLING AND CAREER GUIDANCE

Various interactive sessions were held throughout the year as a part of Guidance and Counselling catering to the needs of the students and parents.

### Following are the details of the sessions conducted:

1) Webinar on the topic "Tools for quality improvement" was organized for the students of classes X, XI & XII and for all teachers & staff of VSSC Central School. The speaker of the session was Shri Mohan Ananthanarayanan, Former Division Head, VSSC. The Webinar was organized on 05/08/2021 from 10:00 am to 12:00 pm through the Webex platform.

2) In connection with "Rashtriya Poshan Maah" celebration, a speech was organized for the students of classes VI to X on 21/09/2021 at 3:30 pm. The talk was given by Dr. Meera Kartha on the topic "Food and nutrition."

3) A webinar on the topic “Relevance of Mangrove Conservation” was organized for all the staff members, teachers and students of classes VIII, IX & XI on 5<sup>TH</sup> November 2021 from 3:30pm to 4:30pm. The talk was given by Shri A Sentil Kumar, Scientist, VSSC/ISRO.

4) In connection with Golden Jubilee celebration of CISF a talk by the CISF Officials was organized for classes VII & VIII on 24/11/2021 from 2:00pm to 3:00pm. CISF Officials have explained in detail about the process of enrolling in armed forces, duties of respective armed forces and its career opportunities.

## SPORTS AND GAMES

For the first time in the history of the school, the Annual Sports was conducted online, in the month of October 2021, due to Covid 19 restrictions. The students from classes 1 to 12 were divided into six groups and the following items were conducted:

Aerobic Dance Competition for Group 1 and 2 comprising classes 1 to 4.

Skipping and Yoga Competition for Group 3, 4, 5 and 6 comprising students from classes 5 to 12. Prizes were also distributed for the winners of each category. The students of VSSC Central School participated in the 65<sup>th</sup> Trivandrum District Athletic Championship 2021-22 held at Chandrashekar Nair Stadium, Trivandrum from 03/12/2021 to 05/12/2021. Anna Ajayan of class 7 got a bronze medal in the under -14 girl's category.

## SCHOOL LIBRARY

VSSC Central School has a web based Digital Library. The website to access the Digital Library is [www.vssccs.libsoft.net](http://www.vssccs.libsoft.net). Digital Library holds the digitized information including Old question papers, Scanned Articles, News Paper Clippings, Project reports, Various PDFs, YouTube links, E-journals, E-Books, Book Reviews, Open Access Journals, Web OPAC, Live News etc. It will be useful for both students and teachers.

VSSC Central School Library is automated using the library software LIBSOFT Version 4.1. We can access Library Catalogue (OPAC-Online Public Access Catalogue) through the Internet. LIBSOFT Web OPAC is now working at [www.vssccs.libsoft.org](http://www.vssccs.libsoft.org). Staff and students can access Web OPAC from any computer connected to Internet.

Classification of books was done using DDC Scheme (Dewy Decimal Classification). Data entry work and bar-coding of books were also done. VSSC Central School Library do a lot of service to students and teachers. We provide newspaper clipping service, routing of periodicals, current awareness service, addition of accession list etc.

School library has an adequate number of Subject books, Language books, Reference books and other reading books. Open access system is followed in our library. Students are allowed to select books according to their interest. The Librarian suggests books to students for reading and encourages them in creative writing.

We have celebrated the National Reading Month. Students were given instructions to take “Reading Day Pledge ” and to participate in various competitions like Quiz, Open Art and Essay Writing conducted by PN Paniker Foundation.

The librarian has presented 32 book reviews. Those book reviews were recorded and uploaded in the Digital Library. Librarian gave a talk about the VSSC Central school library and also about the rules which are being followed in the library. These two audio clips were recorded and uploaded in the Digital Library.

List of books recommended by CBSE to promote reading habits among children were posted in the Digital Library. Websites which provide access to free online e-books, online comics for children, animated stories for kids and audio books were also listed in the Digital Library.

The web links of free Science e-books, textbooks, lecture notes, monographs and other Science related documents were uploaded in the Digital Library. Websites which contain freely downloadable textbooks on various subjects like Astronomy, Biology, Chemistry, Computer Science, Earth Science, Engineering, Mathematics, Medicine and Physics were also listed in the Digital Library.

An article on “The History and Significance of India’s 75<sup>th</sup> Independence Day” was posted in our Digital library as a part of the Independence Day celebration. An Article on the “History and Importance of National Library Week” was posted in our Digital Library. Reference books, Fiction and Non-Fiction books of famous authors were exhibited in the library as a part of National Library Week celebration 2022.

## NCC

25 NCC cadets from our troop registered in the NCC Digital Forum, Government of India on 04<sup>th</sup> June, 2021. On 05<sup>th</sup> June 2021 cadets planted saplings in connection with World Environmental Day. They also actively participated in the International Yoga Day celebrations online on 21<sup>st</sup> June, 2021. NCC Parade classes were conducted online due to the pandemic. 25 students from class 8 enrolled in the same year. Cadets of class IX did an online presentation on 15<sup>th</sup> August, 2021. Cadets actively participated in the Prabhat Pheri Pad Yatra and cycling event highlighting the 75 milestones leading to the Indian Independence on 31<sup>st</sup> October, 2021 at Kanakkakunnu, Vellayambalam , Trivandrum, organized by VSSC. Offline Institutional training was conducted on 4<sup>th</sup> January 2022. 26 senior cadets appeared for NCC Certificate ‘A’ examination on 27<sup>th</sup> February.

## WORKSHOPS AND TRAINING

All the teachers attended various Webinars and Workshops online due to the Covid 19 pandemic, thus keeping themselves abreast of the latest updates in their subjects.

## **EXTRA CURRICULAR ACTIVITIES**

### **OLYMPIAD EXAMINATION**

Out of the 10 students who participated in the Mathematics Olympiad seven students got Gold Medals and thirteen students secured Silver Medals. Out of the 15 students who participated in the English Olympiad seven students got Gold Medals and three students secured Silver Medals and one student secured Bronze medal. Out of the 4 students who participated in the GK Olympiad three students got Gold Medals and one student secured Silver Medals. Out of the 18 students who participated in the Science Olympiad seven students got Gold Medals and five students secured Silver Medals and one student secured Bronze medal. Silverzone Olympiad 2021 examinations are yet to commence.

### **SCIENCE ACTIVITIES**

#### **IIST@SCHOOL/KVPY**

IIST@SCHOOL/KVPY was not conducted for the academic year 2021-22.

#### **INTER SCHOOL SCIENCE EXHIBITION**

Owing to Covid 19 pandemic, Inter School Science Exhibitions were not conducted for the academic year 2021-22.

#### **CBSE SCIENCE EXHIBITION**

CBSE Science Exhibitions were not conducted for the academic year 2021-22 owing to Covid 19 restrictions.

#### **NTSE**

NTSE was not conducted for the academic year 2021-22.

## **CO CURRICULAR ACTIVITIES**

### **CCA**

By providing a conducive and encouraging environment the students are mentored and motivated to participate in the Co- Curricular activities. All the students are divided into 4 Houses and competitions were conducted for individual as well as group items separately for each category in the Online platform. 169 prizes(Gift Coupons) worth Rs. 64, 388 and certificates were distributed to the winners.

## QUIZ

There were no offline Quiz competitions because of the Covid restrictions. The students were given the opportunity to participate in online competitions conducted by the school and also by external agencies.

- Quiz competitions were conducted as part of WSW Celebrations and Azadi Ka Amrit Mahotsav celebrations.
- Discovery Super League: Season 4- The students from classes 3 to 10 participated in Online Quiz. Arpita S Shine( class3), Yatharth Guru (Class 5) and Shreya Sumesh (Class9) qualified the first level of the competition.

## Education Trips

Education Trips were not conducted due to the Covid restrictions.

## House Activities

The House Activities were not conducted due to the Covid restrictions.

## School Functions

Independence Day- As a part of the 75<sup>th</sup> Independence Day Celebrations of our nation, VSSC Central School also organized various cultural programmes through online platform. The celebrations were organized into 2 phases. The first phase- Pre- Independence Day Celebration was conducted on 10<sup>th</sup> and 11<sup>th</sup> August 2021. The classes were categorized into 4 groups and various programmes were organized group wise. Group 1 comprising classes 1-3 and group 2 comprising classes 4-6 presented Patriotic Songs, Speech on Freedom Struggle, Fancy Dress, Role Play, Solo Dance and Drawings on Freedom Struggle. Group 3 comprising classes 7-9 and Group 4 comprising classes 10-12 presented programmes like Patriotic Song, Elocution, 'Unity in Diversity'- Speech on different Regional Languages of India and a Documentary presentation on 'A tribute to Covid Warriors.'

The Independence Day Celebrations was organized on 15<sup>th</sup> August 2021 through Webex Platform. The celebrations commenced with the singing of the National Anthem. It was followed by the Independence Day message delivered by the school Principal Smt. Pushpa R Menon. Recorded videos of drawings on Freedom Struggle, Role Play, Dances and Patriotic Songs by the students were played. The students from various states of India- Kerala, Tamil Nadu, Karnataka, Andhra Pradesh, Maharashtra, Rajasthan, Uttar Pradesh, Himachal Pradesh, Punjab, Odisha and West Bengal conveyed the Independence Day wishes and the peculiarities of their respective states through a video presentation. A tribute to Covid Warriors, a Documentary Presentation was also presented on the occasion.

## Onam

Onam was celebrated online on September 5<sup>th</sup>, 2021 due to the pandemic. Class wise programmes were conducted featuring dance, drama, music, display of floral carpets and fancy dress through online mode.

Video presentations highlighting the harvest festival of Kerala and its rich culture were also presented by senior students. Children from classes 1 to 12 actively participated online.

**World Space Week-** an international celebration of Science and Technology and their contribution to the betterment of human condition is observed from 4<sup>th</sup> to 10<sup>th</sup> October in various parts of the world every year. The theme of WSW 2021 was ‘Women in Space’. As a part of WSW 2021 Celebrations various events were organized by VSSC from 4<sup>th</sup> to 10<sup>th</sup> October through the online platform. The students of VSSC Central School were given the opportunity to participate in both internal and external events. The students from classes 1-12 were categorized into different categories and they were motivated to participate in various events like Painting, Colouring, Quiz and Elocution. The students shared their presentations like Short Videos, PPTs, and Collage in their respective Google Classrooms. The students participated in the following programmes conducted by VSSC:

- Many students participated in the Painting competition conducted by VSSC through the online platform.
- 10 students participated in the All- Kerala Inter- School Quiz competition.
- 8 students participated in the Elocution Competition in English, Hindi and Malayalam. Ritvik Rao and Surabhi Choudhary from Class 10 secured the 1<sup>st</sup> and 3<sup>rd</sup> prizes for Hindi Elocution (Trivandrum Zone) respectively.

As part of ‘Reaching out to Students’ programme’ conducted by VSSC an online lecture programme was organized for classes 5 to 9 on 18<sup>th</sup> October, 2021. The resource person, Dr. Anil Kumar Jain(MME, VSSC) interacted with the students and delivered an interesting speech on ‘Space Technology.’ 9 students who performed well in the interactive lecture programme were selected to attend the interactive programme on 10<sup>th</sup> October, 2021.

**Children’s Day-** Class wise programmes were arranged through the Online Mode to mark the occasion

### **Graduation Day**

Graduation Day for class XII was held on April 1, 2022 in the School library. The Principal, Vice Principal and teachers addressed the students and mementos were presented to the students.

**Republic Day-** Class wise programmes were arranged through the Online Mode to mark the occasion

### **CBSE ACTIVITIES**

#### **RASHTRIYA POSHAN MAH**

In connection with the observation of Rashtriya Poshan Mah the following activities were organized at the school. As a class activity, Chart making on food was given for classes 1 and 2. A class activity was given for class 3 on the Food of different parts of India. Class 4 arranged a class party on Healthy and Junk food. While Quiz and Speech for assembly were done by class 5 on a balanced diet, class 6 conducted a Debate on healthy and Junk food. Classes 7 and 8 listened to an informative session by the resource person Dr. Meera Kartha, CMO, VSSC on Food and Nutrition. A virtual poster making activity on Nutrients was given to class 9 and class 10 presented a class activity on Food related Digestive disorders.

## **ATL SPACE CHALLENGE**

ATL Space Challenge 2021 aligns with the WSW 2021 declared by the United Nations General Assembly and is celebrated from 4<sup>th</sup> to 10<sup>th</sup> October each year at the international level to celebrate the contributions of Space Science and Technology.

Three teams from VSSC Central School participated in the ATL Challenge under the guidance of an ATL Teacher- Smt. Sobhna Dolly. The first team comprising Parvathy MJ, RK Nandhini and Jamshid Khan of class 11 A presented a Documentary on the 'Degradation of Akkulam Lake over a period of time.' The second team comprising Abhitha Abhilash, Harithra Nair and Shreya Sumesh of Class 9 did a project based on 'Gaming Technology.' The third team comprising Raghunandan S Kamath, Sanjay Adinath S and Selva Balaji of class 12 worked out a project on 'The Development of Robotic System Technologies to improve Space Exploration Missions.' The projects were uploaded to Youtube.

## **AZADI KA AMRIT MAHOTSAV**

As part of the commemoration of the 75th anniversary of India's Independence, a series of events under Azadi Ka Amrit Mahotsav – activities for awareness in students regarding India's freedom struggle was organized by VSSC Central School to make the students aware of the Freedom struggle. The classes were categorized into two groups- Group 1(classes 1-5) and Group 2(Classses 6-12). Poster Making, Paragraph writing about the places related to Freedom struggle, Storytelling by grandparents about the events of Freedom Struggle, Quiz, Collage Making on Freedom of India and Role play of Freedom Fighters were organized for Group 1. Speech in assembly, Poster Making, Paragraph writing about the places related to Freedom struggle, Narrating popular stories/ Reciting Poems about freedom fighters, PPT and Quiz on Freedom struggle were the series of activities organized for Group 2. More than 250 students participated in the programmes spread across from the month of August 2021 to February 2022.

## **YIP**

Out of the 8 innovative ideas submitted by 24 students, one idea under the mentorship of Smt. Pallavi Sharma, PRT was selected for the preliminary level. Total number of ideas submitted to YIP from all over Kerala was 1452.



## NATIONAL READING DAY CELEBRATION

Unplug Unwind &  
Unravel the magic of Books





## *Annual Day Celebrations*



# Antariksh



VSSC Central School



## Children's Day Celebrations

Joyful Giggles,  
Boundless  
Dreams



Children's Day Celebrations





## റോണു ശോഷം



# Antariksh





## INDEPENDENCE DAY CELEBRATIONS







# ***SPORTS DAY***

**CHEERS FOR TEAMWORK,  
CHEERS FOR VICTORY**





# Medical Checkup

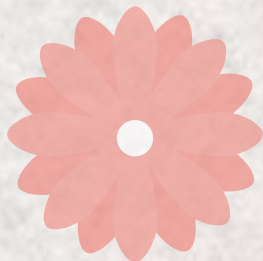
HEALTHY KIDS HAPPY HEARTS



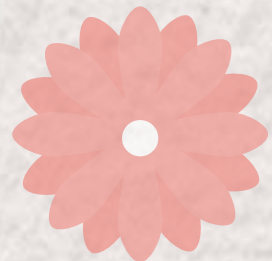
## GUIDANCE & COUNSELLING



**Talk on  
Armed Force**



**Webinar on  
Mangrove Conservation**



**Webinar in connection with  
rashtriya poshanmaah**



**Awareness on  
Mental Health**



Environment Day



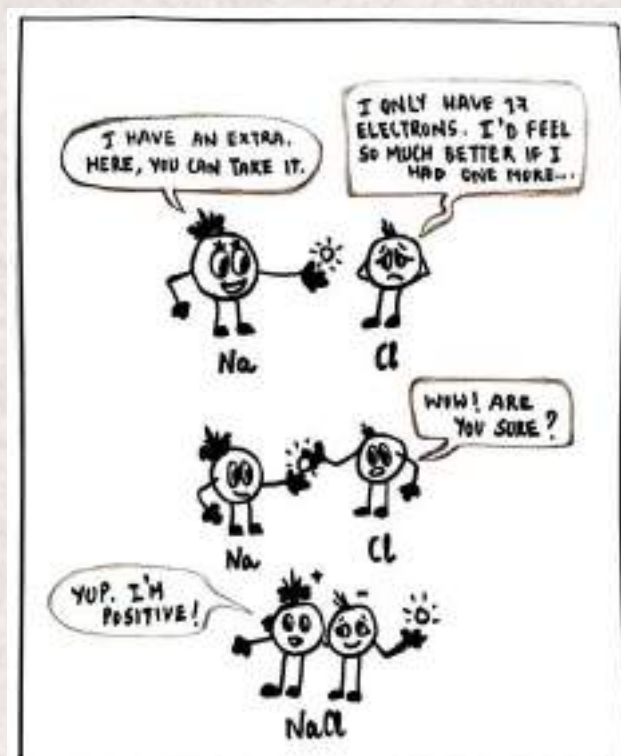
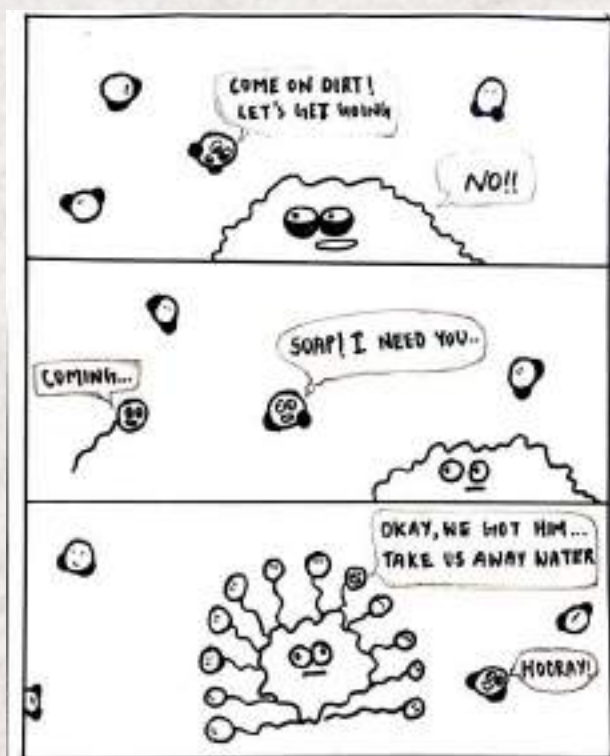
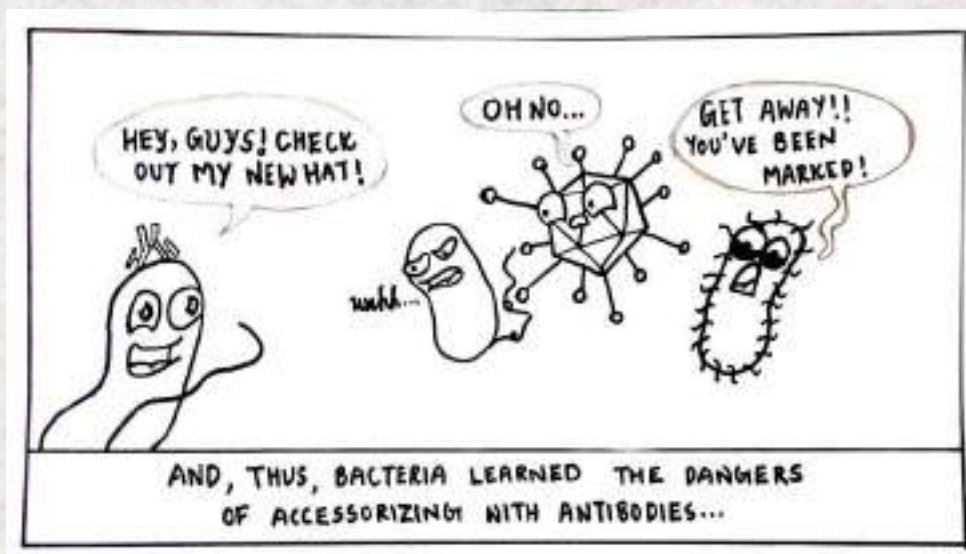
Dr. Brahm Prakash memorial Material Quiz



Essay Writing Competition Winners-  
conducted as a part of CISF Golden  
Jubilee celebration



Field Trip to Magic Planet



Science Comic - Harithra Nair Class XI B



**Saluting our Leader and a word of Thanks.**  
Felicitation of Principal by Primary Students



## REPUBLIC DAY CELEBRATIONS







**LIBRARY  
WEEK**



**Turning Pages  
Building Dreams**

## NATIONAL READING DAY CELEBRATION





## CBSE NATIONAL SCIENCE EXHIBITION

# *Fancy Dress*



**GRADUATION DAY**

# NCC



Prabhat Bheri Yatra in connection with Azadi Ka Amrit Mahotsav



Environment Day



Microlite Flying



Parade



NCC Enrolment



Beach Cleaning



Exam



District Yoga Championship



Annual Training Camp

**NCC**



*Antariksh*



**VSSC Central School**

Vikram Sarabhai Space Centre

Thiruvananthapuram 695 022



**Sanriya Santhosh**  
7B



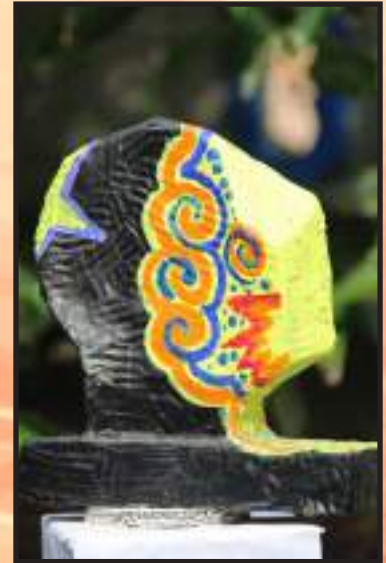
**Akshaya Krishnan K**  
9A



**Sanriya Santhosh**  
7B



**Shivanarayanan Ajith**  
7A



**Ananya .N Deepika A**  
**Vaishnavi .E - 8A**

## ART GALLERY



**Shivanarayanan Ajith**  
7A



**Kalpita Kumari Rana**  
8A



**Shivanarayanan Ajith**  
7A



**Kalpita Kumari Rana**  
8A



**Kalpita Kumari Rana**  
8A



Panchami, V. Parvathy, Neha Jayan  
Nithin, Fairuos, Saniya

11



Shreya Sumesh, Sreehari .B, Arathy .A,  
Surya Dev, Chris, D.Parvathy

11



Abhinav, Abhitha, Anna, Abhirami,  
Vaishali, Divya, Arjun, Grace

11



Abhirami, Akash, Akarsh,  
Adwaith, Adi, Abhijith

11



Akshayakrishnan  
9A



Nivedhya .S, Prakash  
9B



Aswani RK, Harshitha S,  
Ananya, Alvina, Akshaya  
9A & 9B



Aadhya, Krishnendhu,  
Swaminathan, Nivedh,  
Saina, Anagha, Arjun  
10A & 10B



Arjun 6B, Siddhesh 9A, Ajay 6B,  
Yashwanth 8A, Arnav 6B



Ansaf, Fathima, Meera,  
Anandhadevi, Deevida Deepu.  
11



Rhea. S 7B, Rehan. S 7B,  
Angeline.KR 7B,  
Devananda 7A, Ananya 8A



Ananya, Mariam Roshan.  
9A



Adrija .S, Ashwin Pillai,  
Hridhyasruthi .V Melvin  
Flemin, Harshita.  
7A



Kesiya .SP, Prathyaksha,  
Aradhana, Fijo, Adhyayan.  
7A



Yadhukrishnan .TP, Aditya Hegde,  
Reuben S. Sam, A. Yeshwanth,  
Sebin Seraphin.  
8A



Rushda .T, Sree Sahana Priya,  
Shivanarayanan, Yashwant A. Nair,  
Yatharth Guru.  
7A



Chirag, Gouvi, Antony,  
Dhanushka, Adhithyan,  
Ardhra.  
7A



Anushka, Joyshi, Sana,  
Anglina, Kavya .R, Kavinila.  
7



Anugraha .PK, Hrithika Nair,  
Adwaita .AK, Devananda .MK  
Nirmal Krishna, Joshua Thomas.  
7A



Anamika .AS, Athulya Hari .D,  
Aradhya A, Abhishek S.  
8A



Vinayak .A, Swaroop B, Ardhra Ajeesh  
Adithya .S, Surya Sudheesh, Abhishek .R, Gouri Lakshmi .B  
10B



Veda .VR, Thenila, Arohith.  
8A



Rithwika .J Nair  
8A



Khushi, Parvathy, Charan,  
Vamshi, Abraham, Krishnendhu.  
10B



Libitha, Oviya, Shivanandha,  
Thejal, Mithun, Alona.  
10B



Abhinav, Sasha, Aditi, Yuvedhaa,  
Nanfeek, Febin.  
10B



S. Sanjita, Anupam Xavier,  
Abhirami .R, Muhammed Asif,  
Yadhukrishnan, Eric Bobby.  
10B



Devananda .R, Sethu .S, Asif,  
Adya Singh, Abhishek, Koushik,  
Navaneeth  
10B



Akshaya .MS



## KG SCHOOL



## KG SPORTS



# HAPPY RETIREMENT DEAR TEACHERS



Smt. Pushpa R. Menon



Sri. PM Dinesh



Smt. Devika Mony



Smt. R.A. Sumila

## ACHIEVEMENT



### **Shri Vijayakumaran Nair S,**

Retd. Selection scale PG Teacher and Associate NCC officer-  
Anubhav Award received on 18.10.2022 from  
Dr. Jitendra Singh Minister of State,  
Ministry of personnel public Grievences & Pensions

# SPORTS & GAMES



**Super senior boys Football Match**



**School Football Team**  
Participated in the CBSE  
football match held at crescent public  
school, Aluva



**TVM Athletic Meet**



**School Football Team**  
Participated in the CBSE state level  
football Match 2023 held at  
crescent public school, Aluva

# SPORTS & GAMES



TVM District Athletic meet 2022



TVM District YOGA Competition



Running Race



Running Race



Super senior boys Football Match  
2022



Girls Throw ball Competition



**VSSC CENTRAL SCHOOL**  
THIRUVANANTHAPURAM 2022-23

CLASS: XII A



**VSSC CENTRAL SCHOOL**  
THIRUVANANTHAPURAM 2022-23

CLASS: XII B



**VSSC CENTRAL SCHOOL**  
THIRUVANANTHAPURAM 2022-23

CLASS: XII C



# Antariksh



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## VSSC Central School

Vikram Sarabhai Space Centre Thiruvananthapuram 695 022