



HOLY CROSS

QUEST – OCTOBER 2023



HOLY CROSS

MATRIC HR SEC SCHOOL

K.N.Colony, Ammapet, Salem-636014.

www.salemholycross.com

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In the fast-paced world we live in, there's a timeless habit that nurtures our minds and spirits—reading books. Let's celebrate the power of books to transport us to new worlds, broaden our perspectives, and ignite our imaginations. This month, let's all make a commitment to carve out some time for the simple pleasure of reading. Whether it's a thrilling adventure or a quiet escape, let the pages of a good book be your guide. "Unlock the magic within pages! ☑ Embrace the joy of reading and cultivate a lifelong habit. Let books be your companions on this incredible journey of knowledge and imagination.

Start today, and watch your mind flourish with every turn of the page.

Happy reading, everyone!"

Warm regards,
Editorial Team

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PRINCIPAL'S MESSAGE

You are all aware of the fact that our school is celebrating the Diamond Jubilee this year (1963 - 2023). We have already organized Diamond Jubilee Sports Day in August and Diamond Jubilee Inter School Expo 'Inspira - 2023' in October. The Quest Magazine for October is ready. This year, we plan to publish Quest in a shorter format, which will be easy for the students to browse through. I thank the Quest Magazine Editorial Board for resuming the publication and wish that the students benefit by actively taking part in it.

BRO. SESURAJ CSC
PRINCIPAL & CORRESPONDENT

WORLD POSTAL DAY

Post Card Writing Campaign was organized in our school to celebrate World Postal Day on 9th October. Mr. Esan Ilango, Corporation Councilor initiated the programme and supplied post cards to the students. They were asked to write to any one they wished. The cards were deposited in the Post Box brought specially for the occasion.



Excursion

75 students and 8 teachers from VI to IX std went on a two day trip to Ooty and Black Thunder on 13th and 14th October.





SEMINAR

A one day Seminar on 3D Printing Technology was organised for the members of the Computer Club of our school on 16th October. Mr. Velayutham was the resource Person. 80 members of the club benefitted by the seminar.



INSPIRA'23

- * As part of the Diamond Jubilee Celebration of our school, a State Level Science Expo was organized on 20th and 21st of October. Bro. Santhosh CSC, Provincial Superior inaugurated the Expo.
- * The Matric Primary students focused on Phono Sound, Marine World, Food, Earth and its secrets, Literature, Scientific skills of ancient Tamils, Rashtra Basha, and Transmission Technology etc.
- * Holy Cross International School students displayed models on Animal Kingdom, Human Body, Kings and Queens, Story of Dress, Farming, Elements of Nature, Global Warming, Simple and Complex Machines etc.
- * On the High School side, 21 Clubs and Movements like NCC, Scouts, JRC, Green Corps and NSS displayed Projects related to their field.
- * At the Inter School level, the themes were 'My Smart Home' for VI to VIII, Robotics in Agriculture for IX and X and Future Technology in Nation's Security for XI and XII.
- * Tare Zamin Par from Bengaluru set up a Mobile Planetarium. Visveswariah Industrial and Technological Museum from Bengaluru stationed a Mobile Museum.
- * Z – Space Technology, Bengaluru trained our students in sugar rocketry and displayed them in the ground.
- * Propellers Technology, Trichy, trained our students to make Paper Gliders



and R.C. Planes and they displayed their products in an Air Show.

- * Tamil Nadu Science Forum sold books related to Science.
- * Dharan Hospital trained 24 students in Emergency First Aid.
- * Altogether 419 students from neighbouring districts participated and displayed 129 models.
- * About 6000 students and parents visited the Expo on two days.
- * For Valedictory Function on 21st October, Thiru S. Karmegam, IAS, Collector of Salem was the Chief Guest.
- * Exciting Prizes were given for the winners. I Prize Rs.10,000, II Prize Rs.7,000, III Prize Rs. 5,000 and three consolation Prizes of Rs.3,000, Rs.2,000 and Rs.1000.







Inter School Project Exhibits





KNOWLEDGE FEST'23

- * The ECCO Club of our School conducted the prestigious Inter School Knowledge Fest for Commerce Group students on 28th October.
- * The Knowledge Fest consisted of Slide Deck Presentation on 'The impact of Artificial Intelligence on Commerce, 'Being as Entrepreneur and starting your own business' and Group Debates on 'Digital India- Boon or Bane'
- * Bro. Sesuraj, CSC inaugurated the festival. Our old student, Mr. Akilesh Ashok founder of 'House of Sause', Mr. Srinath Mehta of Boston Consultancy, New Delhi and Mrs. Jayapriya, M.D of Red Beryl products Nurture Pvt. Ltd. were the Judges. Our old student and PTA President Mr. Rajasekaran of Selvamaligai Jewellers was the Chief Guest as well as the sole sponsor of the event.
- * Emerald Valley, Cluny Vidya Niketan, Notre Dame of Holy Cross, Senthil Public, Mount Zee Litera, Royal Park, Jairam Matric, Sacred Heart Yercaud and Glaze Brooke took part in the Festival. Our students gave Guest Performances.



MOBILE PLANETARIUM

- * Tare Zameen Par, Bengaluru, truly shone as a beacon of educational innovation on the 20th and 21st of October 2023. Their Mobile Planetarium, showcased as part of the Diamond Jubilee Expo, was nothing short of spectacular.
- * With cutting-edge 360 projectors and a comfortable air-conditioned environment, it provided an immersive experience for students, parents, and visitors.
- * The diverse array of 20 captivating con-

tents on Universe and Space technology engaged audiences of all ages, making it a truly remarkable event that left a lasting educational impact.

- * Tare Zameen Par's commitment to enhancing learning and outreach was evident, making this exhibition a memorable success.

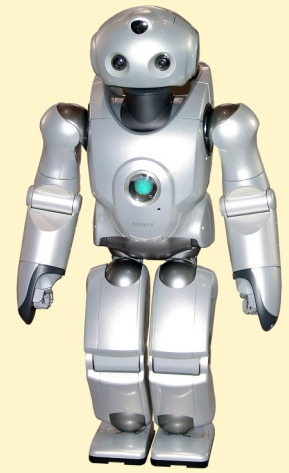
- Master S Nithyushan of II D

Uses of Robots

Zafira, Zafi, Soil Monitoring Satellite, and Spider Bots

What are robots for?

Robots, defined as autonomous machines capable of performing tasks, have emerged as integral members of our society. Propelled by artificial intelligence (AI) and advanced robotics technology, robots enhance our efficiency and expand the boundaries of human potential.



The Robot Zafira and its services to this world

Zafira, a versatile robot developed by Propeller Technologies India, has revolutionized various industries. With its advanced mobility and dexterity, Zafira assists in tasks ranging from healthcare support to hazardous environments. Humanoid robot 'Zafira' scans customers for masks, dispenses sanitizer at Tamil Nadu store. The robot Zafira is equipped with artificial intelligence and keeps track of the number of customers entering the store, at a time and monitors them to ensure they follow social distancing and wear masks.. She checks their temperature and even dispenses sanitizers – all measures designed to curb the spread of novel corona virus. Zafira is a sophisticated image sensing, a voice-activated robot that automates body temperature screening etc.

The Robot Zafi and its services to this world

Zafi was developed with the specific purpose of delivering meals and medication to covid - infected patients without requiring direct interaction with nurses. Last year, it was widely utilized in Chennai and Tiruchi government hospitals. The voice-activated Zafi robot was created to serve as a subject explainer for students in Tamil Nadu and Kerala. When long-distance travel became impossible due to the lockdown, the engineering team opted to repurpose the robots for a medical scenario.

Soil Monitoring Satellite in Agriculture

Soil monitoring satellite is used to empower farmers and producers to maximize yield, reduce disease and optimize resources. The sensors in this satellite can measure soil temperature, NPK (Nitrogen, Phosphorous and Potassium), volumetric water content, photosynthetic radiation, soil water potential and soil oxygen levels. These sensors can be stationary or portables such as handheld probes. Stationary sensors are placed at the predetermined locations and depths in the field, whereas portable soil moisture probes can measure soil moisture at several locations.

Spider bots and their uses

Spider bots, an innovative creation inspired by arachnids, have extraordinary capabilities. With their nimble legs, these agile robots perform tasks like surveillance, search and rescue operations, and maintenance in challenging environments. From exploring unreachable spaces to inspecting infrastructure, spider bots conquer the impossible. It is used For instance searching for survivors after a nuclear disaster, exploring war zones, inspecting unstable buildings after natural disasters such as an earthquake, tsunami or a volcanic eruption.



- **Master A. Eahiya (12 – C)**
School Pupil Leader (SPL)



ROCKETRY WORKSHOP

The workshop on Sugar Rocketry by zSpace Technologies, Bengaluru, was an exhilarating experience that ignited the passion for aerospace exploration among participants. Held at their state-of-the-art facility, the workshop delved into the science and engineering behind sugar-propelled rockets, offering hands-on training and guidance.

The highlight of the event was the rocket launch on the school grounds shortly after the workshop. Excitement filled the air as participants gathered to witness the culmination of their hard work and newfound knowledge.

The resounding success of the rocket launch served as a testament to the skillful learning by our Students and the expertise and dedication of the trainers from zSpace Technologies, Bengaluru.

MASTER SREEVATSAN 12 B



AERO MODELLING & RC PLANE WORKSHOP

Propeller Technologies, Trichy on 20th and 21st October 2023, conducted an exciting workshop on Aero modeling and Remote controlled plane making as a part of our Diamond Jubilee Expo.

This event brought together aviation enthusiasts to learn the intricacies of building and flying remote-controlled planes. Participants were guided through the entire process, from designing the planes to assembling the components and fine-tuning their flight capabilities.

The workshop fostered a spirit of creativity and innovation, inspiring participants to explore the fascinating world of aero modeling. Following the workshop, there was a spectacular display of success as the planes took to the skies on the school grounds.

The sight of these meticulously crafted aircraft soaring gracefully was truly a testament to the participants' dedication and the knowledge they gained during the workshop. It was an event that showcased the thrill of flight and the sense of accomplishment that comes with creating something remarkable.

Master Ehaiya, SPL 12 D

DIAMOND JUBILEE AIRSHOW EVENT

The Diamond Jubilee celebrations at Holy Cross School reached new heights of excitement with a mesmerizing Air Show Event.

Skilled pilots hailing from the aviation hubs of Bangalore and Chennai, along with Propeller Technologies, Trichy, showcased their mastery in flying a diverse array of RC planes.



From the elegant Flowering Drones to the thrilling Smoking Planes, awe-inspiring Glider Carriers, and high-flying Air Stunt Planes, the sky above the school grounds was transformed into a canvas of exhilarating aerial maneuvers with a skillful commentary by Mr Aashik Rahman, CEO, PropellerTechnologies.



The event, set against a backdrop of enthusiastic parents, well-wishers, and visiting students and staff, left an indelible mark in the hearts of all who witnessed this spectacular display of precision and passion. The Air Show became a symbol of the school's commitment to fostering innovation and celebrating its rich history on this momentous occasion.



MASTER VYASH 12 A

MEGA EXPO PROJECT (CHANDRAYAAN-3 MODEL)

As a student of Holy Cross School, it gives me immense pleasure to share the story behind the making and working of our school's most ambitious project, the Holy Cross Diamond Jubilee Expo Mega Project. This endeavor was an exceptional celebration of our school's Diamond Jubilee, and at the heart of it stood a remarkable working model of the PSLV Mark 3 rocket, Chandrayaan Orbiter, Vikram Lander, and Praganyaan Rover. This mesmerizing exhibit was the center of attention during the Expo, captivating the imagination of all who visited.



The journey of creating this project was nothing short of a scientific adventure. It began with months of research, planning, and collaboration. A dedicated team of students, teachers, and experts worked tirelessly to bring this dream to life. We delved into the intricate details of India's space program, studying the PSLV Mark 3's design and functionality, the Chandrayaan Orbiter's lunar mission, the Vikram Lander's descent to the moon's surface, and the Praganyaan Rover's exploration.

During the Expo, students and visitors were treated to a detailed explanation of these space missions, by a team of students. The models provided an opportunity to understand the complexities of space exploration and the significance of India's contributions to space science.



The Diamond Jubilee Expo Mega Project left an indelible mark on our school's history and the hearts of everyone who had the privilege to witness it. It reminded us that the sky is not the limit; it's just the beginning of our journey into the infinite realms of knowledge and discovery.

MASTER S ADTHIYAN OF 12 B

MUSEUM ON WHEELS BY VITM, BENGALURU

I had the incredible opportunity to experience the "Museum on Wheels" by Visvesvaraya Industrial and Technological Central Museum, Bengaluru, during our school's Diamond Jubilee Expo, and it left me utterly amazed and inspired.

This mobile museum, a bus equipped with ten working models on space technology, took me on a captivating journey through the fascinating world of satellites, launch vehicles, telecommunications, propulsion systems, and ISRO's future space missions.



What truly stood out was the 'learning by doing' method it embraced. Rather than just passively absorbing information, I got to engage with the models, tinker with them, and understand the intricate workings of space technology firsthand. It was as if I was part of the process, igniting a sense of curiosity and excitement that traditional learning couldn't match.

This hands-on experience has left an indelible mark on my mind. The "Museum on Wheels" not only enlightened me about India's achievements in space exploration but also instilled a deep appreciation for 'learning by doing,' making education an exciting journey of self-exploration.

I'm incredibly grateful to my school for organizing this incredible experience during our Diamond Jubilee Expo. It was a true celebration of knowledge and innovation.

MASTER SAI RAM 9 B

Mr. Charles Pais (Old Student - 73 Batch) Treasurer, (Canadian Cricket Board)

Know our Alumni...



Cricket has a way of weaving itself into the hearts of those who are truly passionate about the sport. For Charles, a man who immigrated to Canada from Mangalore, India, in 1975, cricket wasn't just a game; it was a way of life. His journey with cricket began when he arrived in Montreal to pursue his Electrical Engineering degree at McGill University. Little did he know that this move would lead to a lifelong commitment to cricket as both a player and an administrator.

A Humble Beginning:

Charles' journey into the world of cricket was not a planned one. It was the sheer love and passion for the sport, running deep in his veins, that drew him closer to it. He found himself joining the cricket community in Montreal during his studies, where he quickly became in love with the game. It was more than just a pastime; it was an indisputable connection to his roots and a way to bring people together

through the shared love for cricket.

Years of Dedication:

Fast forward to the present day, and Charles has dedicated a staggering 45 years to the Quebec Cricket Federation (QCF), where he has held pivotal positions such as President and Treasurer. His enduring commitment to the QCF has been instrumental in shaping the organization and fostering the growth of cricket within the province. As the President of QCF today, Charles continues to lead with unwavering dedication and a vision for the future of cricket in Quebec.



But Charles' contributions to cricket go beyond the provincial level. For the past 17 years, he has been a stalwart member of Cricket Canada, holding the esteemed position of Treasurer for almost two decades. His financial acumen and dedication to transparency have played a pivotal role in the administration and development of Canadian cricket on the national stage.

The Unwavering Passion:

One might wonder what keeps Charles going after all these years of service. The answer is simple yet profound: it's the unshakeable passion and love for the game. Charles' heart beats for cricket, and this unwavering enthusiasm continues to fuel his tireless efforts to serve and develop the sport at the grassroots level.

He believes that cricket has the power to unite communities, bridge cultural gaps, and instill valuable life lessons in the youth. His vision for cricket in Canada extends far beyond the boundary ropes; it's about creating a nurturing environment where young talents can thrive, and cricket can flourish as a prominent sport.

In recognition of his remarkable contributions, Charles recently received the prestigious International Cricket Council (ICC) Long Service Award, a testament to his dedication, leadership, and unwavering commitment to Canadian cricket.

Charles' journey is a shining example of how one person's passion and dedication can leave an indelible mark on a sport and a community. His love for cricket has not only enriched his own life but has also touched the lives of countless others who share his enthusiasm. As he continues to lead the charge in Canadian cricket, one thing is clear: Charles' legacy will endure, and the sport will continue to thrive under his stewardship.

ACHIEVERS OF THE MONTH

KARATE

The following boys participated in the All India Karate Open Kata Champion Ship 2023 held on 29th October at GVN Thirumana Mandapam, Salem and won Prizes in Kata event.

1. Harishva S - 2 - A
2. Arsath Ahamed A - 3 - C
3. Haarish Kanna S R - 5 - A

4. Hemanthkumar R - 5 - A



TABLE TENNIS

Revenue District Level Table Tennis Tournament was conducted at Sri Sesha's International School, Salem. The following students won places.

Under - 14 (Doubles)

- Kirishvin AS - 8 - E - III - place
Aadithya S S - 8 - F - III - place

Under - 17 (Singles)

- Pranesh S - 11 - E - Runner

Under - 17 (Doubles)

- Pranesh S - 11 - E - Runner
Abhinav B - 10 - C - Runner

Under - 19 (Singles)

- Samson C - 12 - E - Winner

Under - 19 (Doubles)

- Samson C - 12 - E - Winner
Sudharson S B - 12 - D - Winner

LAWN TENNIS

Revenue District Lawn Tennis Tournament was conducted at Monfort School, Yercaud and following students won places.

Under - 14 (Singles)

- Pranava Sabari N K - 7 - E - Runner

Under - 14 (Doubles)

- Pranava Sabari N K - 7 - E - Runner
Kishore G - 7 - E - Runner

Under - 17 (Singles)

- Kamalesh T - 9 - F - III - place

Under - 17 (Doubles)

- Kamalesh T - 9 - F - III - place
Faizen Basha R - 8 - F - III - place

Under - 19 (Doubles)

- Sashwath B R H - 12 - E - Winner

Under - 19 (Singles)

- Sashwath B R H - 12 - E - Winner
Bhupesh K - 12 - D - Winner



SQUASH

Juniors (Singles)

Udit Kumaran T A - 8 - E - Gold

Juniors (Doubles)

Udit Kumaran T A - 8 - E - Gold

Lokapradeep M - 9 - D - Gold

Super Seniors (Singles)

Sandhesh P R - 12 - F - Gold

Super Seniors (Doubles)

Sandhesh P R - 12 - F - Gold

Andrew Savio M - 12- D - Gold

FENCING

Junior

Vigirdesh N K - 6 - C - Gold

Mylesh shanmuga K - 9 - E - Silver

Seniors

Dhakshin G S - 7 - E - Gold

Sujan Hariharan R D - 10 -B - Gold

Super seniors

Mogith V - 11 - C - Gold

Ranjith Kumar P S - 12 - A - Gold



Bharathiar Day /Republic Day Games on 31-10-2023

Polevault (Under - 17)

Kirthik Vasam S - 10 - F - State - I

(Selected for SGFI games)

Veetuku Oru Vignani

Puthiya Thalaimurai TV Channel organized a science Expo 'Veetuku Oru Vignani' on 26-10-2023 at VIMS, Salem.

Juniors

Natanial Raj P - 8 - D - I place

Tanish N - 8 - D - I place

Seniors

Jashwan Karthi D - 9 - F

Prithivi Raaj D - 9 - F

(Winners selected for State Level contest at Coimbatore)

National Science Congress AVS Arts and Science College, Salem

Mugunthan T - 11 - E

Aadil U - 11 - G

CHES

At the Revenue District Level Chess Tournament the following prizes were won.

Junior

Paresh S - 8 - D - Gold

Super Senior

Akshath S - 12 - E - Silver

At Below 1100 FIDE Chess Tournament.

Paresh S - 8 - D secured 3rd place with cash award of Rs. 20, 000.



Sky is the limit...





HOLY CROSS

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