



**SIR SYED INSTITUTE
FOR TECHNICAL STUDIES**
TALIPARAMBA, KANNUR, KERALA



Flare~23

Arts, Cultural, Commercial and
Scientific Exhibition

6th to 9th Spetember 2023

SOUVENIR



"The Social Reformer of India"

SIR SYED AHMAD KHAN

(1817-1898)

(Founder, Aligarh Muslim University)

The blessed hands and real inspiration behind our success journey



MESSAGE FROM THE PRESIDENT



I am glad to know that Sir Syed Institute for Technical Studies is organizing a multidisciplinary exhibition Flare 2023. My heartfelt congratulations on this auspicious occasion. It provides an outlet for students to showcase their creativity and hard work. It also emphasizes the milestones college has achieved in the field of education. I convey my best wishes to the Principal, teacher's, non-teaching staff and students on this momentous occasion.

Adv. P. Mahamood

President, Cannannore District Muslim Educational Association
Taliparamba, Kannur, Kerala

MESSAGE FROM THE GENERAL SECRETARY



I sent my best wishes to the success of Flare 2023 –Arts, Cultural, Commercial & Scientific exhibition organized by Sir Syed Institute. It is a matter of pride for all associated with this institution which offered a venue to share our abilities, showcase our accomplishments and more over grow as a community, and learn from one another. I am sure that the Principal, Staff and students of this institution would even aim higher and scale great heights in the years to come and this institution will be a trailblazer in pursuit of excellence.

Janab. Mahamood Allamkulam

General Secretary, Cannannore District Muslim Educational Association
Taliparamba, Kannur, Kerala

MESSAGE FROM THE PRINCIPAL



Celebrate the success of the Mega exhibition, Flare 23, at Sir Syed Institute from September 7 to 9, 2023, where Arts, Science, History, and Culture seamlessly converged to create an enriching experience for all. This extraordinary event not only captivated the minds of students and teachers from diverse institutions in Kannur and Kasaragod District but also drew the attention of the enthusiastic general public. With over 25,000 visitors, the exhibition showcased an array of exhibits and models crafted by the talented students of the

college, supported by their dedicated teachers. The vibrant cultural programs, featuring mesmerizing dance performances, musical delights, and captivating magic shows, added a dynamic flair to the event. Heartfelt congratulations to the visionary General Convenor, Dr. Siraj MVP, the diligent convenors of various committees, the supportive management, and the entire team of teachers and ministerial staff for orchestrating a truly grand and successful affair.



CDMEA

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FLARE ~ 23 PRE-EVENTS

Flare 23, the Arts, Cultural, Commercial, Scientific Exhibition is a mega event proudly hosted by Sir Syed Institute for Technical Studies. The name 'FLARE-23' signifies the myriad areas that the exhibition covered and the wealth of knowledge it meant to disseminate. The highly organized event included a vivid display of educational exhibits of science, arts and commerce departments, classical and modern arts, commercial stalls, medical exhibits, medicinal plants, archaeological exhibits, exhibits of government and semi-government departments, live pottery, handloom and handicrafts, food court, seminars, games, film fest and cultural events. The exhibition was devised as a three-day event to be conducted on 7th, 8th and 9th September 2023. On 4th April 2023, the Flare logo was released by Dr. Khaleel K.M, the Principal, in the presence of the staff of the Institution. The logo symbolises the flame of knowledge that is meant to spread far and wide. It was an honour to our institution that Dr. Sabu Abdulhameed, the Pro-Vice Chancellor, Kannur University, released the Flare 23 promotion video from Kannur University campus, Thavakkara on 27th April 2023.



The Media Wing of Flare 23, came up with various promotion strategies to ensure maximum publicity for the event. A Facebook page, an Instagram account and a YouTube channel were created as part of the promotions. In addition, several competitions were conducted with the intention of promoting the event. First was a

prophecy competition, conducted in May 2023, to foretell the significance of "blue colour" in the logo. The blue colour in the logo represents vibrancy and mood of festivity. The competition was won by Fathima Afra Shajahan of III B.Sc. Biotechnology. On 14th June 2023, "Hit the Wicket" competition for female staff and "Football Shoot out" competition for male staff of the Institution were conducted. Ms.Prajitha T.V and team secured the 1st prize and Ms.Jasitha M.V and team secured the 2nd prize in "Hit the Wicket" competition. The "Football Shoot out" competition was won by Dr. Siraj M.V.P, with Mr. Musthafa K.M securing the 2nd prize. A Football match between the staff and students of the institution was scheduled on 26th June 2023. The students won the match. With regard to Flare 23 promotion, an Independence Day quiz competition was conducted at Al Ansar School, Taliparamba, on 10th August 2023, by the Department of Psychology. Students of the Institution performed a Fusion Dance on 14th August 2023 which was used to create a promo video to be shared among people through social media platforms.



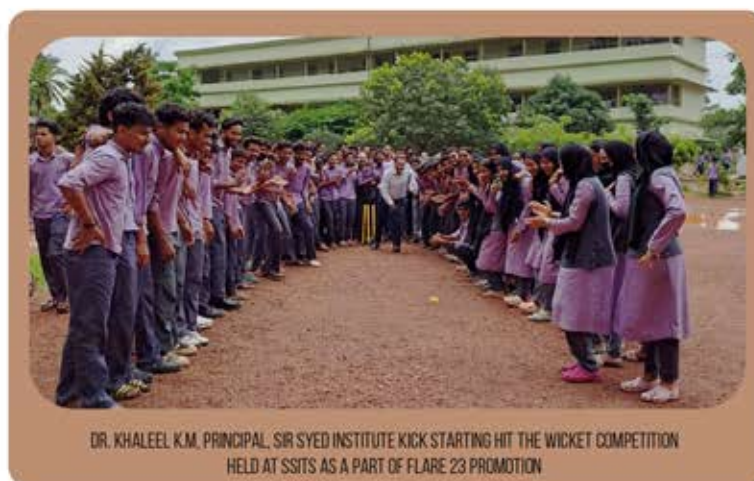
A "Swagatha Sangham" was formed on 25th August 2023. The meeting was inaugurated by C.D.M.E.A President, Adv P. Mahamood. An Organizing committee was constituted with Sri. K Sudhakaran, Member of Parliament, Kannur; Sri, M. V. Govindan, Member of Kerala Legislative Assembly, Smt. Murshida Kongayi, Chairperson, Taliparamba Municipality and Adv. P. Mahamood, President C.D.M.E.A as patrons; Dr. Khaleel K.M, the Principal as the Chairman and Dr. Siraj M.V.P, the Head of Department of Biotechnology as Convener. Janab Mahamood Allamkulam, General Secretary, C.D.M.E.A; Mr. Shaji V. K, Vice President, P.T.A; Smt. Rahmath Beegum, Ward Councillor; Smt. M.K Shabitha, Development Standing Committee Chairperson, Taliparamba Municipality; Smt. Rajila Rahman, Welfare Standing Committee Chairperson, Taliparamba Municipality; Mr. Nizamudheen K. M, Secretary, Staff Association and Mr. Musthafa K. M, Senior Superintendent offered felicitation.

On 31st August 2023, a WhatsApp Contest for the staff was held to select the one, who could get the most views by setting the official Flare poster as their WhatsApp status for a day. Mr.Sumesh Assistant professor, Department of Commerce won the competition. On 3rd September 2023, a promo video titled "We r Ready" was released. To give the video maximum reach, an Instagram



DR. SABU ABULHAMEED, PRO-VICE CHANCELLOR OF KANNUR UNIVERSITY RELEASING THE PROMOTION VIDEO OF FLARE 23

Contest was devised for the students. The students were instructed to post the Flare promotional video "We r Ready" as their Instagram story for one day, with the winner being determined by the student who had the most likes. Muhammed Aazim Y.M of III B.Sc. Computer Science was declared the winner. On the same day, a second promotional video called "Just 3 days to go" was also circulated. Multiple posters were also shared with the aim of ensuring maximum audience in the exhibition. In addition to the official posters created by the Media Wing, each Department prepared separate posters highlighting their exhibits. A beautiful short video named "Happy Faces" was created and circulated.



DR. KHALEEL K.M, PRINCIPAL, SIR SYED INSTITUTE KICK STARTING HIT THE WICKET COMPETITION HELD AT SSITS AS A PART OF FLARE 23 PROMOTION

"Chithrolsavam" was organized on 5th September 2023 by the Flare committee, which was inaugurated by the renowned artist Mr. K.K.R Vengara. "Chithrolsavam", as the name suggests became an amusing colourful experience. The event was also graced by other esteemed personalities including Adv. P. Mahamood, President, C.D.M.E.A; Mr. Mahamood Allamkulam, General Secretary, C.D.M.E.A;

Dr. K.M. Khaleel, Principal and Mr. Shaji V.K, PTA Vice-President. Along with the artist Mr. K.K.R Vengara, Dr. Khaleel K.M and various students of the college made the canvas a wondrous product of myriad hues with their magical touch.

A Press release was issued on 5th September 2023. Which was held at Taliparamba Press Forum and was attended by Adv. P. Mahamood, President (C.D.M.EA); Janab. Mahamood Allamkulam, General Secretary (C.D.M.EA); Dr. Khaleel KM, Principal; Mr. Shaji V.K, Vice President (P.T.A) and Dr. Siraj M.V.P, Convener (Flare 23). On September 5, 2023, a "VilambaraJatha" was held to officially declare Flare 23—the arts, cultural, commercial, and scientific exhibition—to the general public. The procession began from Chiravakku to The Town Square, Taliparamba. The "VilambaraJatha" was led by Adv.P.Mahamood, Janab.Mahamood Allamkulam, Dr.K.M Khaleel, Dr. Siraj M.V.P, Mr. Shaji V.K, Mrs. Susmitha V.P and Mr. Sajeev M.V. The prime intention of the Jatha was to make the public aware of this three-day Mega exhibition being held at Sir Syed Institute for Technical Studies.



SIR SYED INSTITUTE STAFF TEAM AND STUDENTS TEAM WITH PRINCIPAL DR. KHALEEL K.M DURING THE FOOTBALL MATCH BETWEEN STAFF TEAM AND STUDENTS TEAM



FUSION DANCE PERFORMED BY STUDENTS OF SIR SYED INSTITUTE AS A PART OF FLARE 23 PROMOTION



ADV. P. MAHAMOOD, PRESIDENT, C.D.M.E.A INAUGURATING THE FORMATION OF SWAGATHA SANGAM OF FLARE 23



JANAB. MAHAMOOD ALLAMKULAM, GENERAL SECRETARY, C.D.M.E.A ADDRESSING THE AUDIENCE ON THE OCCASION OF SWAGATHA SANGAM FORMATION OF FLARE 23



PRESS CONFERENCE HELD AT PRESS FORUM, TALIPARAMBA AS A PART OF FLARE 23- ARTS, CULTURAL, COMMERCIAL AND SCIENTIFIC EXHIBITION ORGANIZED BY SIR SYED INSTITUTE



MR. K.K.R. VENGARA, RENOWNED ARTIST INAUGURATING "CHITHROL SAVAM" CONDUCTED AS PART OF FLARE 23 MEGA EXHIBITION AT SIR SYED INSTITUTE



DR. KHALEEL K.M, PRINCIPAL, S.S.I.T'S PAINTING AN ARTWORK DURING "CHITHROL SAVAM" CONDUCTED AS A PART OF FLARE 23, MEGA EXHIBITION OF SIR SYED INSTITUTE



VILAMBARA JATHA PASSING THROUGH TALIPARAMBA TOWN

FLARE ~ 23- THE EVENT

Flare-23, the Arts, Cultural, Commercial, Scientific Exhibition began with grandeur and magnificence on 7th September 2023.

INAUGURATION

The first day of the Exhibition was graced by Sri. Ahamed Devarkovil, Honourable Minister of Ports, Museums, Archaeology and Archives, who inaugurated the event. In his inaugural address, he stated that advancements in science and technology have greatly contributed in the development of our nation and emphasized on the significant role of colleges in contributing to scientific progress. His magnanimous presence added significant amount of prestige to the event. Dr. Khaleel K.M, Principal, welcomed the gathering and Adv. P. Mahamood, President, C.D.M.E.A, presided over the inaugural ceremony. Distinguished guests including Janab Mahamood Allamkulam, General Secretary, C.D.M.E.A; Janab M.M Faisal Haji, Vice-president, C.D.M.E.A; Janab A.K Abootty Haji, Secretary, C.D.M.E.A; Dr. C.H Aboobacker Haji, Chairman, Governing body, Sir Syed Institute for Technical Studies; Smt. Rahmath Beegum, Ward Councillor; Smt. M.K Shabitha, Development Committee Standing Chairperson, Taliparamba Municipality; Smt. Rajila Rahman, Welfare Standing Committee Chairperson, Taliparamba Municipality; Dr. Ismail Olayikkara, Principal, Sir Syed College; Mr. Abdul Muthalib M, Principal, Sir Syed Higher Secondary School; Mr. Maharroof A, Head Master, Sir Syed High School; Mrs. Sulochana K, Headmistress, Kurumathur U.P School; Mr. Shaji V.K, Vice President, PTA, Mr.Nizamudheen K.M, Secretary, Staff Association; Mr. Musthafa K.M, Senior Superintendent and Mr. Muhammed Nihal K, Student Representative graced the occasion. The inaugural ceremony concluded with a Vote of Thanks speech by Dr. Siraj M.V.P, Convener, Flare-23.



The inaugural session was followed by cultural events on stage which, began with a colorful Rangapooja by the students. Various spot competitions and games were arranged for students and other visitors. A lucky draw contest was conducted as part of the mega exhibition, which saw enthusiastic participation by all the visitors. Students of the Institute were given opportunity to showcase their cultural flair on stage. Day 2 featured mesmerizing classical dance performances by young talents Sri. Vishnu Vardhan and Ms. Aditya Sahadevan, Star of State School Arts Festival. Sri. Vishnu enchanted the audience with his graceful Kerala Natanam and Ms. Aditya charmed the audience with her captivating Kuchipudi performance. Another highlight of Day 2 was "Ishal Virunn" - a lively and exhilarating musical concert by Khafila Kala Sangham, Taliparamba. Day 3 was jam-packed with a variety of events as well, such as an Oppana by team Vadamalar, a group of senior women who demonstrated that age is just a number, and a beautiful Thiruvathira by Uma Maheshwari Thiruvathira Sangham, Kannur. A solo drama called "Jwala" was also presented that day by young social worker and entrepreneur Sri I.V. Unni Mazhooor. The show delivered a powerful message against drug abuse and addiction.

The exhibition attracted a diverse audience, including school and college students, educators, researchers and the general public.

EXHIBITS OF GOVERNMENT AND SEMI-GOVERNMENT DEPARTMENTS

Exhibits from several government and semi-government departments were on display during the massive event. The exhibits of Department of Archaeology highlighted the wealth of archaeology in our land, emphasizing the significance of maintaining, safeguarding, and researching our rich past. Stall set up by the State Archives Department incorporated non-current records of permanent value. The State Department of Museums displayed rare paintings of acclaimed painter and artist Sri. Raja Ravi Varma. These stalls proffered the visitors an opportunity to respect, admire and explore the diverse and rich past of our land. The stall by Kerala State Electricity Board enlightened the visitors with an informative display and explanation of traditional and modern energy meters and their working principle, single-phase, three-phase electricity supply connections and the yet to be implemented smart energy meters which can give greater clarity of consumption behavior to consumers. Kerala Fire and Rescue Services Department which works, with the mission to protect our community from all possible hazards by carrying out effective and timely rescue and life-saving operations. The stall set by them called attention to fire and disaster prevention equipment and systems including Fire Extinguishers, Portable Pumps, Fire Hydrants, Fireproof materials, First-aid tools, Rescue and Evacuation equipment, Personal Protective Gears and so on.

Other Government Department stalls including Government Industrial Training Institute, Thottada; Department of Animal Husbandry; Kannur Krishi Vigyan Kendra, District Suchitwa Mission, Department of Dairy Development and ASAP were also part of the mega exhibition. Handloom sale arranged by Kalliasseri Weavers Co-operative Society, live pottery demonstration and sale, sale of organic rice and rice products by Malabar Kaipad Farmer's Society, Coconut shell handicrafts sale, sale of coconut-based products by Dinesh foods, book festival by Prathyusha books, sale of ayurvedic medicines and plants by MVR Ayur Pharma and Bonsai exhibition were other major attractions of Flare 23. Malabar Cancer Centre, Thalassery had arranged a stall featuring tissue models of skin cancer, eye cancer, uterine cancer, bone cancer, thyroid cancer and more. The stall also included charts explaining cancer prevention strategies, awareness on different types of cancers, cancer pathways and cancer detection and treatment strategies.



EXHIBITS OF DEPARTMENTS OF SIR SYED INSTITUTE

The extraordinary event Flare 23 brought together various Departments within the Institute to showcase their achievements, innovations, and contributions to the field of arts, commerce, science and technology.



SRI. AHAMED DEVARKOVIL, HON. MINISTER OF PORT, MUSEUMS, ARCHAEOLOGY AND ARCHIVES INAUGURATING "FLARE 23" THE MEGA EXHIBITION OF SIR SYED INSTITUTE FOR TECHNICAL STUDIES, TALIPARAMBA



ADV. P. MAHAMOOD, PRESIDENT, C.D.M.E.A DELIVERING THE PRESIDENTIAL ADDRESS IN THE INAUGURAL SESSION OF FLARE 23



DR. KHALEEL K.M DELIVERING THE WELCOME SPEECH IN THE INAUGURAL SESSION OF FLARE 23



SRI. AHAMED DEVARKOVIL, HON. MINISTER OF PORT, MUSEUMS, ARCHAEOLOGY AND ARCHIVES VISITING THE EXHIBITS OF ARCHAEOLOGY DEPARTMENT, KERALA STATE



ADV. P MAHAMOOD, PRESIDENT, C.D.M.E.A PRESENTING THE MEMENTO TO SRI. AHAMED DEVARKOVIL, HON. MINISTER OF PORT, MUSEUMS, ARCHAEOLOGY AND ARCHIVES, KERALA STATE.



DR. KHALEEL K.M. PRINCIPAL PRESENTING THE MEMENTO TO MR. VISHNU VARDHAN, RENOWNED CLASSICAL DANCER (KERALA NATANAM)



DR. SIRAJ M.V.P. CONVENER (FLARE 23) PRESENTING THE MEMENTO TO MS. ADITHYA SAHADEVAN, YOUNG CLASSICAL DANCER (KUCHIPUDI)



KHAFILA KALA SANGAM RECEIVING THE MEMENTO FROM DR. SIRAJ M.V.P. CONVENER, FLARE 23



DR. SIRAJ M.V.P. CONVENER (FLARE 23) PRESENTING THE MEMENTO TO MRS. RAMYA RAGUNATHAN, RENOWNED CLASSICAL DANCER, ASSISTANT PROFESSOR IN COMPUTER SCIENCE AND PROGRAMME CO-ORDINATOR OF FLARE 23.

DEPARTMENT OF BIOCHEMISTRY

Department of Biochemistry demonstrated groundbreaking research, cutting-edge experiments, and interactive displays that captured the essence of their field. Their exhibits highlighted the vital role of Biochemistry in modern science and its applications in various industries. One of the standout features of Department of Biochemistry's participation in 'FLARE' was the "Home-made Product Stall." This stall showcased various home-made products such as detergents, soaps, paper pens, umbrellas, and dishwashers. What made this initiative truly special was that these products were crafted by a handicapped individual, to whom the Department provided an opportunity to earn a livelihood. Their students actively assisted in the production process, emphasizing their commitment to social inclusion and support.

In collaboration with Neethi Bio Lab, the Department organized a "Free Blood Sugar and BP Checking" stall. This not only promoted public health awareness but also demonstrated their dedication to community welfare. This service offered invaluable health check-ups to visitors and created a positive impact within our local community. After the inaugural ceremony, Honorable Minister, Sri. Ahamed Devarkovil, visited the stall and in a symbolic gesture of support, he had his blood pressure checked at the booth, highlighting the practical application of the initiative. The third stall focused on wildlife conservation and education. Mr. Anil Thrichambaram, a licensed snake catcher, delivered informative and engaging classes to all attendees. This initiative raised awareness about wildlife preservation. The students of the Department played a pivotal role in making the exhibition a resounding success. They crafted a Micro Green stall, anatomical models of human body parts, and various biochemical demonstration models. Their dedication and passion for their field were evident as they eloquently explained these exhibits to visitors. Department of Biochemistry's contributions to the 'FLARE' Mega Exhibition exemplified their commitment to education, social responsibility, and community engagement. They not only showcased innovative products and educational initiatives but also fostered inclusivity and supported a handicapped individual in their community.



DEPARTMENT OF BIOTECHNOLOGY

Department of Biotechnology presented a timeline display of Origin of the Universe up to Recent Advances in Biotechnology. The major displays included the 3D model of Big Bang, Solar System, a 6-foot model of the double helical DNA, large-scale models of Plant and Animal Cell, Transgenic animals and plants, stages of Cancer progression and Gene editing. A complete section was devoted to Corona virus and Covid disease a 3D model of the Corona virus, RT-PCR based detection method, vaccines and the mode of prevention were displayed. The DNA Finger printing technique and its application in forensic science was exhibited and a game to identify the culprit using the displayed DNA fingerprint pattern was also included.

A full room was devoted to the ideal Biotech community model which showcased different Biotechnological innovations like Glowing plants, Liquid tree, Bioleaching, Biofuels, Biopharming and lot more. Method for growing plantlets from very small explants- tissue culture and its stages were displayed. A counter for sale of tissue culture plantain palm and fermented foods like pickles and yoghurt were also included. Apart from the models, numerous charts outlining basic and modern scientific techniques like Vaccine development, Monoclonal Antibody development, Recombinant DNA technique and Cloning was also displayed. The recent advancement in cancer therapy- CAR T-cell therapy was presented as well. Method for DNA isolation from banana using household materials and laboratory techniques for DNA isolation from leaves were demonstrated along with the introduction to modern laboratory equipments, including Electrophoretic and Blotting apparatus, Double beam U.V Spectrophotometer, ELISA plate reader, PCR machine, Vacuum manifold DNA/RNA purification system, Sonicator, Electronic gel electrophoresis system and Gel documentation system.



DEPARTMENT OF COMMERCE

The exhibits arranged by Department of Commerce incorporated the concepts of Finance (Financial horizon-where numbers meet strategy), Marketing (Marketing Maniac-rise to the top), Industrialization (Indus Vision-a journey through industrialization) and Creative ideas in Commerce (Creative Nexus-where ideas ignite). At the entrance, the visitors were welcomed by a giant model of barter system, "an act of trading goods or services between two or more parties without the use of money" a stepping stone towards trading. The highlight of their exhibition was "Mercantile City", a future outlook of Taliparamba town, which earned great appreciation from all the visitors.

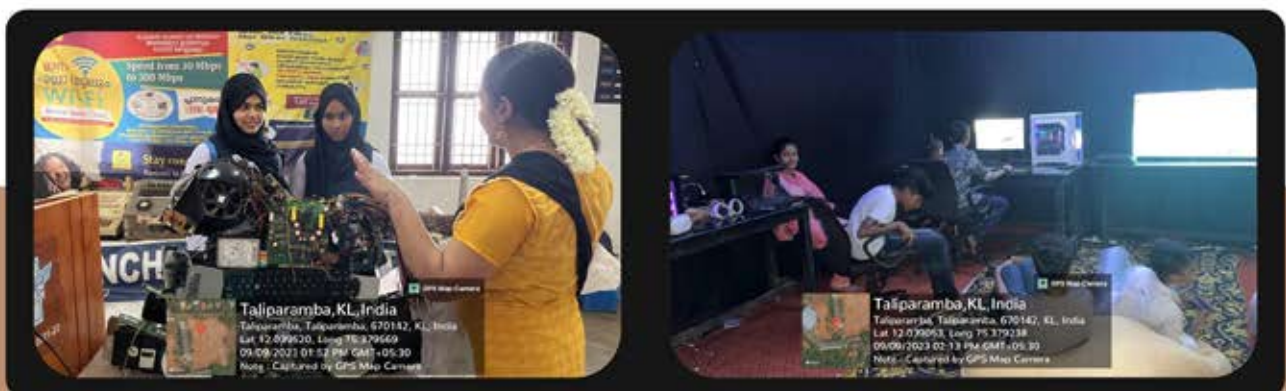
Apart from this, they had models of modes of transportation, channels of distribution, currencies of different countries, bank model, stock exchange, sectors in economy, trial balance and profit and loss account, small scale industry, business cycle, modes of transportation, smart city, E-Business model, generation of computer model, aids to trade model and so on. Along with the models there were charts representing top women entrepreneurs, evolution of accounting, evolution of telephone, consumer protection act, functions of management, business ethics, accounting cycle, evolution of accounting etc. The stalls included working models of volcanic eruption, waste water management, chocolate vending machine and a flying helicopter made with waste materials. The other attractions were games like spin and win and guess the logo. At the end they had a unique way of saying thank you using a sensor clap board, "clap me and light me".



DEPARTMENT OF COMPUTER SCIENCE

The highlight of the display arranged by the Department was Robot "SUSI" who welcomed the visitors, signifying the Department's technological upgradation. Models of LAN, MAN and WAN with electric circuit gave ranges of network types and applicable areas. Students eagerly articulated information on network related devices and their scope. Aesthetic display of generation wise upgradations of telephones, microprocessors and printers took the visitors back to those decades. Hologram pictures created awareness about pixels and boundaries of image creation on surfaces.

The dark room which featured gaming and puzzle generated curiosity among children and adults alike. The VMware headgear-equipped games were also a huge assistance for immersive learning, realistic simulation for improving skills and engagement, and a valuable tool for training, education, and experiential learning across a range of industries. Chart representation and timelines of generation span display of computers made data interesting, attractive and easy to read and evaluate for the general public too. The doodle techy arts by students demonstrated the benefits of doodling and the idea that doodling enhances creativity, mental health and problem solving. The advance machine learning live projects by M.Sc. students were milestone concepts as it aids analysis of student's performance and capacities. The technology-driven exhibits by the Department was one of the highlights of Flare 23.



DEPARTMENT OF ECONOMICS

Department of Economics, SSITS actively participated in the three days mega exhibition. Students from neighboring schools and colleges visited the stalls arranged by Economics Department with great enthusiasm and spirit.

The stalls by the Department featured large number of pictures and models related to various concepts and practices in Economics which generated awareness and inquisitiveness among students and public. Models on functioning of banks, types of money, environmental pollution, sustainable development, laws of demand were well appreciated by the visitors. Separate stalls were arranged for the exhibition of coins and currency used in India as well as foreign countries. Drawings and sketches by students of the Department featuring the images of eminent Economists were another center of attraction. Overall, the exhibits provided visitors a unique opportunity to learn the basic concepts of economics in an interactive and engaging way.



DEPARTMENT OF ENGLISH

Department of English displayed their exhibits in three rooms. The first room was named 'Tuin Meraki', means literary garden. It showcased the creative talents of the students of the Department. The room encompassed charts representing different eras of English literature. Many models of renowned poetry, plays, theatres, novels, field of phonetics were displayed. Still on the poem, 'The Waste Land', Elizabethan Theatre, The Lord of the Flies, 'Waiting for Godot', 'Stopping by Woods on a Snowy Evening', Organs of speech were some of them. 'Tuin Meraki' was really a garden of flowers of various hues. Exhibits by the students represented 'Tuin Meraki' effect. The second room, "Cine -House" displayed motivational short films, slides of various eras of film making, an introduction to Indian films, techniques of film making and so on. A shadow puppet show was also organized in the same room based on the drama: 'The Truth behind Facade'. The third room incorporated Photo Exhibition by Kannur Press Club.



DEPARTMENT OF FOOD TECHNOLOGY

Being the youngest Department of our Institution, FLARE 23 was actually a fresh experience for Department of Food Technology. They were able to give live demonstrations on various methods of detecting food adulteration. A food pyramid was constructed by creating six racks, each representing the range of nutrients and energy needed for good health. Healthy eating was explained as choosing the right amount from each rack. The health benefits of milk, a complete food and excellent source of potassium, B12, vitamin A, magnesium, zinc and thiamine (B1) was elaborated. The students also detailed the manufacturing, storage and various by-products of milk. Charts on topics like food borne infection, food intoxication and vitamins were included. A section was devoted to describe importance of rice and to make people aware of the nutritional benefits of brown rice over white rice or polished rice. The exhibition was a valuable opportunity for students of the Department to showcase their creativity and ideas.



DEPARTMENT OF MANAGEMENT STUDIES

Department of Management Studies demonstrated its commitment to innovation, managerial skills, social responsibility and education during the FLARE 23 Mega Exhibition. One of the highlights of their stall was the inclusion of various business models related to management area like Human Resource Management, Financial management, Production Management and Supply Chain Management. Department created models of production plants, chart comparing gold rate of last 20 years, structure of market, sectors of economy, chart on various business personalities and display of various international company logos.

In collaboration with the popular company, Sulfex Mattresses India Ltd, the Department arranged a sales corner, for their products to be sold at high discount rates. The visitors were introduced to mattress manufacturing process and the materials used for the production process. A game zone focusing on various skill-enhancing business and managerial games amused the school and college students. Other contributions by students of the Department included a model of Burj Khalifa, plant layout, and chart on evolution of money.



DEPARTMENT OF MICROBIOLOGY

Department of Microbiology had a prodigious presence in FLARE 23. The goal of the Department was to provide an opportunity for the public and students to "Explore the World of Microbes". The students of the Department utilized this platform to showcase their scientific knowledge and creativity. Students presented their projects in diverse fields of Microbiology. The event sought to demonstrate the vital role played by microorganisms in various domains, including health, industry, agriculture and environment. The major highlights of the exhibition were presentations on pathogenic microorganisms and their role in diseases, information on antibiotics and antimicrobial resistance, awareness on the importance of personal hygiene, microscopic demonstration of various microorganisms, displays on environmental microbiology and its impact on ecosystems, demonstration of microbial decomposition of organic waste, showcase of applications in food and pharmaceutical industry, demonstration of fermentation processes, information on soil microbiology and its importance in plant growth and crop health, display of beneficial microbial products for agriculture. The agar art, a fascinating blend of science and creativity, was the showstopper of the event, where microbiology met artistic expression. There was also an exhibition cum sale of oyster mushrooms cultivated by the students of the Department.

Apart from showcasing the marvels of microbial world, immersive experience into the workings of human body, encompassing anatomy, organ systems, physiological processes have also been presented to educate the public and inspire a deeper appreciation for the complexities of the human body. An educational video on autopsy dissection of human body was really breath taking for most of the audience. A chemistry magic show demonstrating the surprising chemical phenomena and tricks were also organized to provide an insightful and engaging platform for enthusiasts, students, professionals and the general public to explore the fascinating world of chemistry. Visitors actively participated in the hands-on activities, engaging with the exhibition content and interacting with the presenters. It provided an informative and engaging platform to foster a deeper understanding of Microbiology, ultimately contributing to the promotion of scientific knowledge and its application for the betterment of society.



DEPARTMENT OF PSYCHOLOGY

The theme chosen by the Department of Psychology for the three day mega exhibition was 'Know your mind...Untangling the mysteries'. The Department stall was organized to showcase various aspects of Human Psychology, including the stages of consciousness, developmental stages of humans, and psychological abnormalities such as postpartum depression and stress. The exhibition also featured an Illusion Corner that aimed to demonstrate how our brains can be tricked into perceiving things that are not there.

To promote drug awareness among youth, a drug addiction point was included that displayed recent drug-related newspaper cuttings and models that explained how drugs effect one's brain and behavior. Gratitude tree was placed to encourage the expression of appreciation and fill in leaves with expressions of gratitude over a period of time. The stall incorporated an emotional catharsis corner to understand the relief of built-up tension or strong emotions. Psychology relevant film posters were exhibited as well.

The Department also attempted to explain the concept of parapsychology by creating a horror room. Parapsychology is the study of paranormal and psychic phenomena, including telepathy, precognition, and clairvoyance. The horror room was designed to create an atmosphere that would allow visitors to experience some of these phenomena. Finally, the stall featured a Psychological Testing Corner that focused on personality, intelligence, learning theories, attention theories, and more. Visitors could participate in various brain games that were designed to test their cognitive abilities. Overall, the stall succeeded in providing visitors with a unique opportunity to learn about Human Psychology in an interactive and engaging way.



DEPARTMENT OF LANGUAGES (MALAYALAM, HINDI AND ARABIC DEPARTMENTS)

Department of Languages left no stone unturned in making their presence felt, in the mega exhibition. A Film Fest was organized by Department of Languages and critically acclaimed Oscar-nominated Iranian movie 'Children of Heaven' was screened on the first day of the exhibition. 'Greenbook', the Portuguese film which received numerous awards including the Academy award for Best Picture and India's official entry to the Oscars, Chhello Show were respectively screened on the following two days of the exhibition. The Department successfully arranged a Magic and Mentalism Show by Mr. Majeed Madavoor which managed to amaze and entertain the audience.

Besides these shows, Department of Languages had set up separate stalls for Arabic, Hindi and Malayalam enthusiasts. Malayalam Department arranged a massive photo exhibition of Theyyam, a religious ritual practiced in North Kerala. The exhibition incorporated around 40 famous theyyam kolams being performed in sacred groves of North Malabar region, including the Kathivanur Veeran, Kandanar Kelan, Theekutty Chathan, Hanuman theyyam and so on. The photo exhibition gifted the spectators an exhilarating feeling of visualizing a Perumkaliyattam. A literary exhibition of popular Malayalam stories, poems, novels, biography and autobiography and a display of photographs of ancient, modern, revolutionary, romantic and contemporary Malayalam poets were also organized. Hindi Department had set up an informative and entertaining stall in which they showcased the origin and development of Hindi language, how it gained prominence over time, different Hindi scripts and evolution of Devanagari script.

They introduced the visitors to different stages of history of Hindi literature by exhibiting photographs and literary works of around 300 famous Hindi authors. They also displayed Hindi magazines, weekly articles and newspapers. Charts and games based on Hindi grammar were included as well. Visitors, especially students were eager to learn Hindi names of fruits, vegetables and grains that are used on a daily basis. Another attraction was typing using Hindi keyboard, which fascinated the spectators. A questionnaire based on the exhibition was prepared as a contest for viewers and prizes were distributed to winners.

Arabic Department was successful in putting together a creative and visually striking display for Flare 23. Their stall featured pictorial depiction of evolution and progress of Arabic scripts to the present and a photo exhibition incorporating stone engravings of different eras. The attendees were provided with information about prominent Arabic literary figures and Arabic literature. A section was devoted to calligraphy, and it featured an enormous collection of calligraphy created by both well-known calligraphers and students of the Institute. The display of stamp collection and currencies of several Arab nations drew attention of the visitors. The stalls and exhibits arranged by each Department were visited by students of various schools and colleges, educators, researchers, parents and general public.



CLOSING CEREMONY

The closing ceremony was held on the final day, 9th September 2023. Mrs. Shiji V, Joint Convener, Flare 23, welcomed the audience. The ceremony was presided over by Dr. Khaleel K.M, Principal, and inaugurated by Adv P. Mahamood, President, C.D.M.E.A. In his inaugural address, Adv. P Mahamood lauded the Sir Syed Institute family and emphasized that the event will be marked in the history of the Institute in golden letters. Janab. Mahamood Allamkulam, General Secretary, C.D.M.E.A, Mr. Shaji V.K, Vice President, PTA, Mr. Nizamudheen K.M, Secretary, Staff Association; Mrs. Khadeeja K.T, Secretary, Staff Council and Mr. Musthafa K.M, Senior Superintendent offered felicitation.

An event of this grand scale is the outcome of contributions by different departments. Mementos were presented to Mr. Ashkar (Adduel design) for poster designing and graphics, Mr. Rahul for videography and editing, Mr. Joju Govind for Flare logo and title design and Mr. Abdul Nafih for art direction, as a token of our appreciation. Mr. Anas K, Office attendant was honoured with a memento for his selfless and generous assistance in organizing this massive event. Lucky draw contest winners were announced and prizes were distributed. The winners were Marwa Haris, student, Sir Syed Institute, Fathima Naja and Rayyan Ismail, students of Sir Syed Higher Secondary School. Prizes for various competitions held as part of the Flare pre-event and Flare event were also distributed during the closing ceremony.

In his Vote of thanks speech, Flare 23 Convener, Dr. Siraj M.V.P expressed his gratitude and acknowledged the role played by the Management, Principal, faculty, non-teaching staff and students in making the event a resounding success.



ADV. P MAHMOOD, PRESIDENT C.D.M.E.A INAUGURATING THE CLOSING CEREMONY OF FLARE 23



DR. KHALEEL K.M, PRINCIPAL, SIR SYED INSTITUTE DELIVERING THE PRESIDENTIAL ADDRESS IN THE CLOSING CEREMONY OF FLARE 23



JANAB. MAHAMOOD ALLAMKULAM, GENERAL SECRETARY, C.D.M.E.A ADDRESSING THE AUDIENCE ON THE OCCASION OF CLOSING CEREMONY OF FLARE 23













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