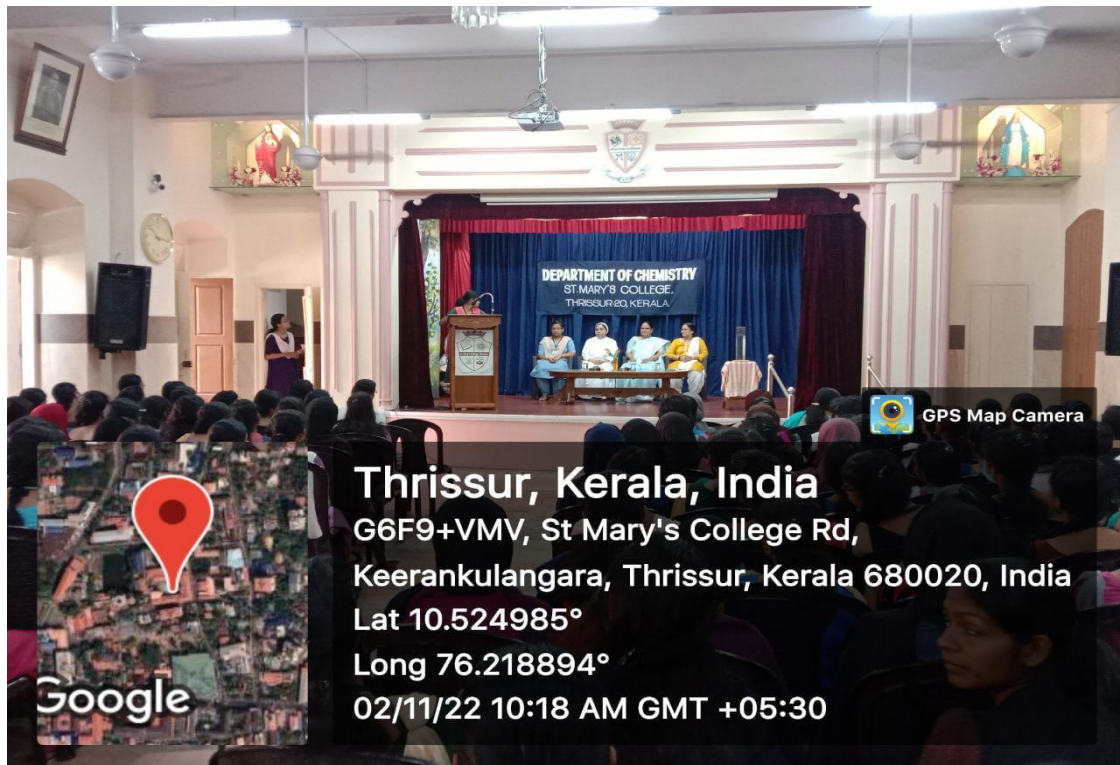


DEPARTMENT OF CHEMISTRY
ACTIVITY REPORT 2022-23

ASSOCIATION INAUGURATION

The Association inauguration ceremony of the Department of Chemistry, St. Mary's College, Thrissur of the year 2022-23 was held on 2nd November 2022, 10.00 am at Jubilee hall. A prayer marked the beginning of the event followed by a welcome speech from Ashmin Tony of III BSc. chemistry. Chief guest of the programme was Dr. Lali Thomas Kotturan, HOD, L F College, Guruvayoor along with Dr. Sr. Smitha Rose C G (Principal in charge, St. Mary's College, Thrissur) & Dr. T Geetha HOD Department of Chemistry. Dr. Laly inaugurated the association followed by the presidential address by Dr. Sr. Smitha rose. After that, there was an informative session by Dr. Lali Thomas Kotturan on the topic "Chemistry – The Fun & Tricks of Our Lives". The formal session came to an end by the vote of thanks delivered by Ms. Sandra Santhosh. And later cultural programs were conducted by students of the chemistry department.

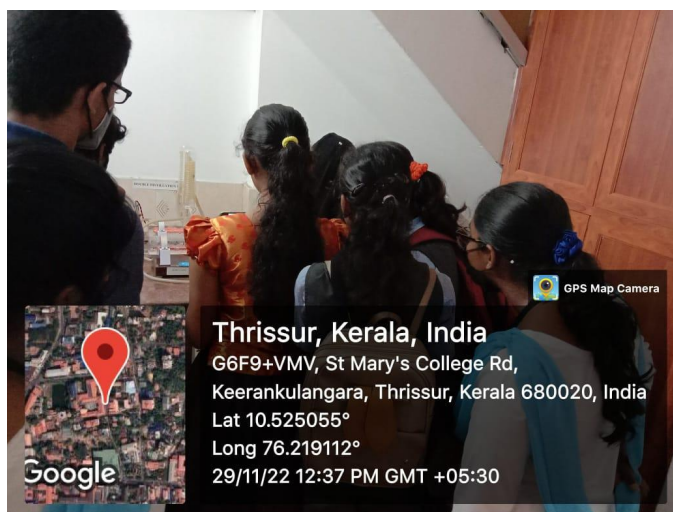
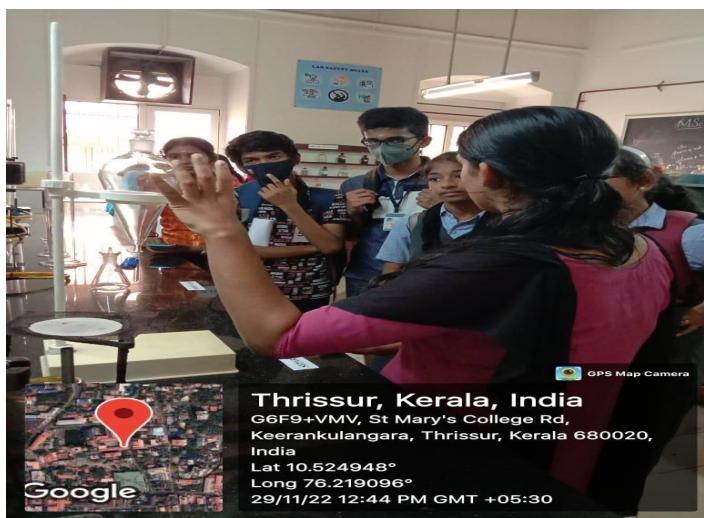




“CHEM EXPO”

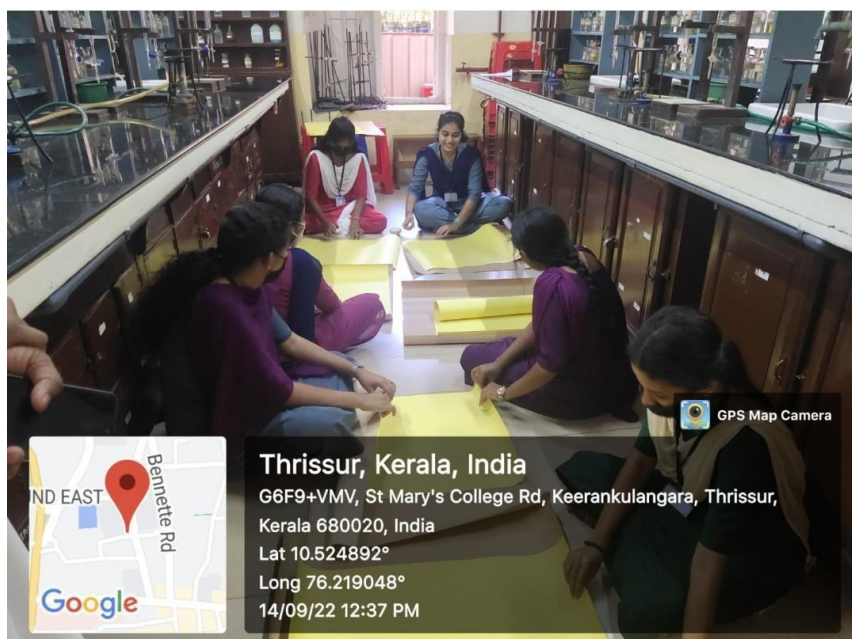
CHEMISTRY EXHIBITION FOR SCHOOL STUDENTS

The staff and students of the Chemistry department, St. Mary's College, Thrissur organized a science exhibition “CHEM EXPO” for the young and motivated minds on 29th November 2022. We showcased numerous experiments in the Chemistry laboratory, including golden spangles reaction, spot tests, fluorescein reaction, etc.



PAPER BAG MAKING

The Department of Chemistry, St. Mary's college Thrissur organized a paper bag making training program for III DC students on 14/09/2022. The program was headed by Smt.Ancy Baiju, lab assistant St Mary's college Thrissur. About 35 students participated in this programme. All were very interested and attended it with high enthusiasm. It proves to be a part of self-employment and analysis on plastic disposal.





30th NATIONAL CHILDREN SCIENCE CONGRESS

On 29th of November 2022, St. Mary's College, Thrissur hosted the 30th National children Science congress with the theme "Understanding Ecosystem for Health & Wellbeing" organized by Kerala education department, KSCSTE, DST, Green Habitat & department of Chemistry, St. Mary's College, with great grandeur. The event unfolded with Sri. James N J (District Coordinator, Children Science Congress), offering the eminent dignitaries most cordial of welcomes and He gave a small description about the objective behind the Children's Science Congress and also described the guidelines for the project presentation by the students. The respected Sri. Madanamohanan (DDE, Thrissur) delivered the presidential address. Succeeding the inauguration ceremony, an insightful prologue by Dr. A V Raghu (Senior Scientist, Kerala Forest Research Institute) triggered the cult's interest.

The program included an eloquent oration from central spokesperson K Krishnakumar (Journalist) and the esteemed Dr.P S Esa(Scientist) .The event progressed by honoring our dignified senior invitee, Sri. Kr Janardanan (Senior Science Communicator) with a souvenir. The day's event culminated with Dr. Sr. Maggie Jose (Principal, St. Mary's College, Thrissur), Smt. Vijayakumari (DEO, Thrissur) and Smt. KP Bindu (Headmistress, Govt. Model Girls School, Thrissur) conveying their adulations and with Dr. T Geetha (HOD, Dept. Of Chemistry, St. Mary's College, Thrissur) proposing the vote of thanks and extending her warm regards.

The one day Programme, funded by KSCSTE, was attended by around seventy eight students and thirty six teachers from various schools in Thrissur district. Each group consisted of two students and a teacher guide and they presented their projects on the different topics they researched. Dr. Joshy C L(Rtd.Associate Professor , St. Thomas College, Thrissur, Dr. S Sandeep (Principal Scientist, KFRI) & Dr. Bincy Joseph (Assistant Professor , Department of Chemistry,St. Mary's College, Thrissur) were the judges for senior secondary presentations and Dr.Sreelakshmi (Assistant Professor, Department of Chemistry, Vimala College ,Thrissur),Mr. Jain Therattil (Assistant professor , Department of Zoology, St. Aloysius College, Elthuruth) and Dr. Chakrapani (CUSAT) five teams were selected to participate at the state level.



CHEMISTRY LAB VISIT BY SCHOOL STUDENTS

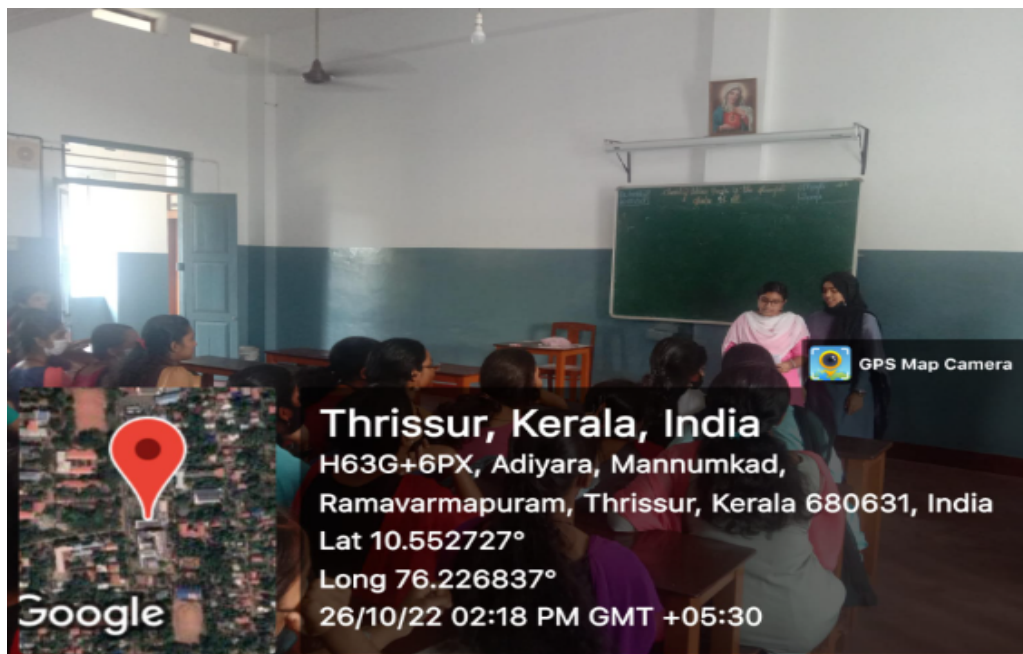
As a part of ELA , A project by the education department of Kerala government, the science teachers and students of St. Augustine H.S.S, Kuttanellur visited our Chemistry lab on 16th March 2023 at 12.00 pm.



MOLE DAY CELEBRATIONS

Mole Day originated in an article in The Science Teacher in the early 1980s. Inspired by this article, Maurice Oehler, now a retired high school chemistry teacher from Prairie du Chien, Wisconsin, founded the National Mole Day. Mole Day is an unofficial holiday celebrated among chemists, chemistry students and chemistry enthusiasts on October 23, between 6:02 a.m. and 6:02 p.m., making the date 6:02 10/23 in the American style of writing dates. The time and date are derived from the Avogadro number, which is approximately 6.02×10^{23} , defining the number of particles (atoms or molecules) in one mole (mol) of substance, one of the seven base SI units.

As part of international mole day celebration, the department of chemistry conducted a quiz competition on 26th october, 2 P M at Vimala college for degree students. The programme was conducted by the two teachers and 4 students from St. Mary's college. Dr. Theresa C J (HOD Department of Chemistry, Vimala college) delivered the welcome speech. Ms. Riya Jose K, Ms. Sreerekha gave the rules and regulations regarding the quiz competition. Rinsha and Kunjilaskhmi were the quiz masters. Students actively participated in quiz. Gifts were distributed to all winners and participants



“BEYOND CLASSROOM”

(Vajra Jubilee Campus seminar series)

Invited talk

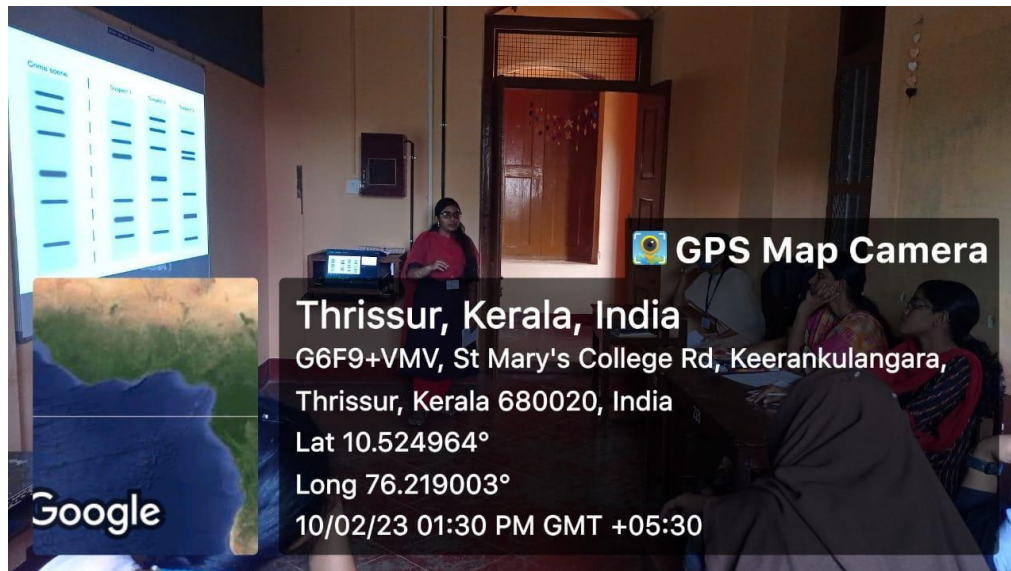
Department of Chemistry St. Mary's College, Thrissur in association with KSSP Organized “BEYOND CLASSROOM” a talk on “Development of Radiation Shielding Windows for Atomic Energy” By Dr. K Muraleedharan, Former Director, CGCRI, Kolkata on 8th February 2023 at 10.00 am at Chavara Hall. Drisya P of II MSc Chemistry welcomed the gathering. Students from various departments attended the programme.



IGNITE

POST GRADUATE DEPARTMENT OF CHEMISTRY

The IQAC of St.Mary's College arranged a paper presentation competition "IGNITE" for the Post Graduate Students of the College. The Post Graduate Department of Chemistry participated in it. We selected eight students from the first year MSc Chemistry and six students from second year MSc Chemistry. They submitted their abstract on 07/02/2023, and PPT presentation conducted on 10/02/2023. All of them presented the PPT very interestingly. Malavika A M of the I MSc Chemistry has won the first position.



HARITHAM PRODUCT SALE

The sale of products prepared during the Haritham workshop was conducted on 28th February 2023. College Principal Sr. Dr. Magie Jose inaugurated the sale at 9.30 am. The items for sale were Soaps, Sanitizer, Hand wash, Washing Powder, Shampoo and Pain balm..



POLLUTION CONTROL DAY

E POSTER COMPETITION

In connection with World Pollution Control Day, the department of Chemistry ,St. Mary's College Thrissur organized an Inter collegiate E poster making competition on the topic "Sustainable Environment" on 15th December 2022 .Students from various colleges participated in the competition.Efriya P J , IInd BSc Chemistry ,SH College Chalakudy won the First prize .Sarija KC , Ist Botany, st. Mary's College Thrissur won the second prize.Around 21 students participated in this competition.

