

POST- GRADUATE & RESEARCH DEPARTMENT OF CHEMISTRY
ST STEPHEN'S COLLEGE, PATHANAPURAM

ANNUAL REPORT OF DEPARTMENT ACTIVITIES (2025-2026)

1. World Environment Day Celebration

World Environment Day was celebrated by the Post- graduate and Research Department of Chemistry, St. Stephen's College, Pathanapuram on June 5, 2025, in alignment with this year's theme "Beat Plastic Pollution".

As part of our commitment to environmental conservation and sustainability, the department organized a creative and eco-friendly initiative involving our students. Under the guidance of the faculty, the students prepared pen stands using recyclable paper, demonstrating the importance of reusing materials and minimizing waste. This initiative was aimed at promoting awareness about sustainable practices and encouraging the reduction of plastic and non-biodegradable waste.

These handcrafted, eco-friendly pen stands were distributed as green gifts to the Principal, college office, library, and to all academic departments within the institution. The gesture was warmly received and served as a symbolic reminder of the importance of integrating sustainability into everyday actions.





2. Inauguration of Chemistry Association – SPECTRA

The Chemistry Association of the Department of Chemistry, SPECTRA – Unveiling the Colours of Chemistry, was inaugurated on 10 September 2025 at the College Seminar Hall. The inaugural function was presided over by the Principal Dr. Biju A. The chief guest was Mr. Ajin Babu, Scientific Officer, District Forensic Science Laboratory, Alappuzha. He formally inaugurated

the association and delivered an invited lecture highlighting the scope of Chemistry in forensic science and related career opportunities. His talk was highly informative and motivating, providing valuable insights into real-world applications of chemistry and professional pathways for students.



3. Commencement of Certificate course

Certificate course in “water quality analysis”

The certificate course in Water Quality Analysis (WQA), offered by the Research and post graduate department of Chemistry, St. Stephens College Pathanapuram provides professional training and awareness for careers in the Water quality analytical field with a chemistry background. This mission could be achieved through imparting practical knowledge about water contamination and doing analysis of real samples. The interdisciplinary curriculum is designed to clarify career goals for those who may be considering doing analytical lab work in ground water board, NCESS, Geology related departments where the ground water analysis is done, as well as for common people suffering problems in drinking water. The department has

collaboration with National Centre for Earth Science Studies (NCESS), Trivandrum for providing instrumental facilities. The certificate course was inaugurated on 10th September 2025 by Mr. Ajin Babu, Scientific Officer, District Forensic Science laboratory, Alappuzha and around 20 students were enrolled in this course. The students collected water samples from local areas and a questionnaire was circulated in these areas.

ST. STEPHEN'S COLLEGE, PATHANAPURAM
Re-accredited by NAAC at B++ Grade with CGPA 2.91

Post Graduate & Research Dept. of Chemistry
invites application for
Certificate Course
2025 - 2026
on

“Water Quality Analysis”

Duration: 6 months

MORE DETAILS CONTACT
Dr. Sheeba Alexander
Course Co-ordinator
9947993485

6 CLEAN WATER AND SANITATION



4. World Ozone Day Celebration

The PG and Research Department of Chemistry organized World Ozone Day Celebration on 26th September 2025. The program commenced with a prayer by First M.Sc. student Ms. Athulya M.S. The HoD in charge of Chemistry, Mrs. Suja Jacob welcomed the Principal, quiz master and students from all departments, marking the beginning of the event. This was followed by a quiz competition conducted by Quiz Master Mr. Sandu JohnSajan, focusing on general and environment-related topics.

A total of 28 students participated in the quiz, forming eight teams, each consisting of two students from eight different departments. The first prize was awarded to Vaishnav J. and Parthan from the Zoology Department, while the second prize went to Arioma A.P. and Mekha Madhu from the Botany Department. Both teams received cash prizes and trophies, which were presented by the Principal.

As a token of appreciation, a memento was given to the quiz master, Mr. Sandu JohnSajan. The program concluded with a vote of thanks and formal closure by Program Coordinator Lt. Dr. Sunesh C.D. The event successfully highlighted the significance of ozone layer protection and environmental awareness, fostering active student engagement across all departments.

PG & RESEARCH DEPARTMENT OF CHEMISTRY

ST. STEPHEN'S COLLEGE, PATHANAPURAM

WORLD OZONE DAY- 2025

Small actions today, like reducing emissions and using eco-friendly products, make a big impact. Together, we can safeguard our future!

Interdepartmental Quiz Competition

"From Science to Global Action"



Date: 26th September 2025

Time: 1.30 pm

Venue: College Seminar Hall

Organizing Committee

Dr. Sujamol M. S, Ms. Suja Jacob,

Dr. Anoop M.R, Ms. Anju Mathew,

Dr. Sheeba Alexander & Dr. Sherine Alex

**Principal
Dr. Biju A.**

**HoD
Dr. Sheeba Baby Alex**

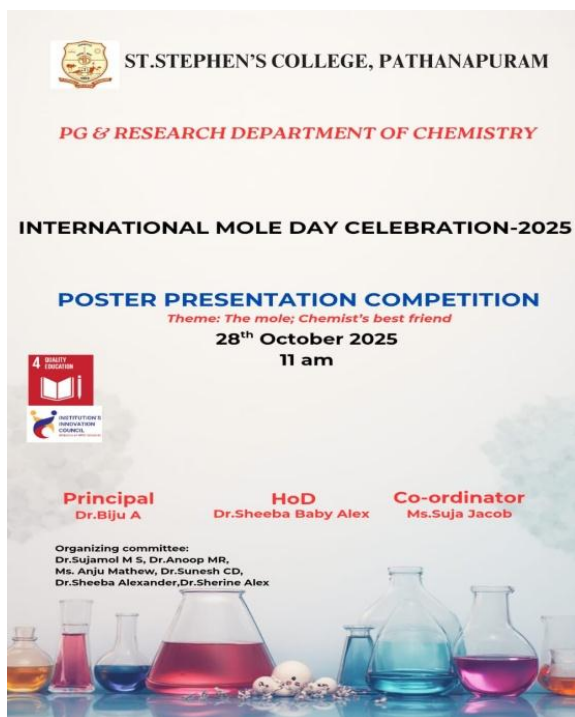
**Coordinator
Lt. Dr. Sunesh C. D.**





5. International Mole Day Celebration

Mole Day is celebrated annually on October 23 from 6:02 AM to 6:02 PM to commemorate Avogadro's Number (6.02×10^{23}), which is a basic measuring unit in chemistry. In connection with international Mole day celebrations, Post-graduate and Research Department of chemistry organised a poster presentation competition for students of the department on 28/10/2025 at 11 am in the college. The theme of the presentation was 'The Mole: the chemist's best friend'. Ms. Vinaya P (Ist Semester FYUGP Chemistry) won the First prize. Ms.Nandhana Boselal (Ist Semester FYUGP Chemistry) won the second prize in the competition.



6. Christmas Celebrations

The Department of Chemistry actively participated in the Christmas celebrations held on 23 December 2025 at St. Stephen's College, Pathanapuram. The students displayed great enthusiasm and creativity in the interdepartmental competitions organized as part of the celebrations.

The department secured the First Prize in the Carol Competition, presenting a melodious and well-coordinated performance that reflected the true spirit of Christmas. The students also won the Second Prize in the Pulkoodu Competition, showcasing creativity and aesthetic excellence in depicting the nativity scene.





