

ASSOCIATION ACTIVITIES

DEPT OF CHEMISTRY 2015-16

CHEMISTRY ASSOCIATION INAUGURATION

Chemistry association was formally inaugurated on 17/06/2015 by Dr. Aby Paul, Principal, Caldian Cyrian H S S , Thrissur. The programme commenced with a prayer .it was followed by welcome speech by Sr.Mary K P , HOD, Dept of Chemistry, St. Mary's College . Dr. Aby Paul, inaugurated the programmes of chemistry association by lighting the lamp. This was followed by a talk on "*Nanotechnology*".



NATIONAL SEMINAR ON “RECENT ADVANCES IN THE CHEMISTRY” ON 19-08-2015

Department of Chemistry, St. Mary’s College, Thrissur organized a lecture series, paper & poster presentations in connection with UGC Sponsored one day National Seminar.



- Talk on *Chemistry of materials* by V. Kumar, Director, C-MET, Athani, Thrissur.
- Talk on *Chemistry – our Life our Future* by Dr. J. Ravichandran, Prof., Dept. of Chemistry, PSG College of Technology, Coimbatore.
- Talk on *Nano particles in Biology & Medicine* by Dr. R Jayaraj, Scientist- B, KFRI, Peechi, Thrissur.
- Talk on *Chiro- Optical Techniques* by Dr. Joby Thomas K, Asso. Prof. & H.O.D, Dept. of Chemistry, St. Thomas’ College, Thrissur
- Talk on *Solute- Solvent interactions from Admittance Measurements* by Dr. C V Krishnan, Rtd. Prof. on Chemistry, Stony Brook University, Newyork.

NATIONAL SCIENCE DAY CELEBRATION (8-10 FEB 2016)

Department of Chemistry, St. Mary’s College, Thrissur is organizing a scientific lecture and various competitions like poster making, Quiz competition and essay writing spread over 3 days to celebrate National science day. The celebration was supported by Kerala State Council for Science, Technology & Environment and DST, Govt. of India.



- Talk by Dr. Santhosh Paul, Assistant Prof., Dept of Chemistry, S.H. College, Chalakkudy on the topic “Nanotechnology” on 8th Feb.2016.
- Talk by Dr. C.V. Krishnan, Rtd. Prof., Stony Brook Uty., Newyork on the topic “Make in India-S & T Driven Innovations” on 11th Feb.2016.
- Talk by Dr. Najeema U, KAU School, Mannuthy on the topic “Innovation through science research” on 15th Feb.2016.

ENVIRONMENT DAY CELEBRATION

In connection with ENVIRONMENT DAY celebration 2015, on June 5th morning the staff and students of Department of Chemistry, in the leadership of Sr.Mary K.P, HOD Chemistry started cleaning. Students were divided into groups and cleaned the whole department. With combined effort Class rooms, Chemistry lab and Department were cleaned.

A competition is organized by Dept of Chemistry to make handmade eco-friendly plastic substitutes on 16th June 2015 for students of our college and winners were awarded certificates and momentum.

DISTRICT LEVEL CHILDREN'S SCIENCE CONGRESS

District Level Children's Science Congress was organized by National Green Corps Society and Department of Chemistry, St. Mary's College Thrissur on 13th November 2015. The Congress was inaugurated by Dr. James E.J. Former director of CWRDM Kozhikode and the inaugural session was presided over by Dr. Sr. Jacintha (Sr. Chrislin). Dr. K. R. Janarthanan, Coordinator, National Green Corps, welcomed the gathering. Mr. K G. Jayaraj Thrissur Educational district Coordinator delivered vote of thanks. The one day Programme, funded by KSCSTE, was attended by around one hundred and fifty students and teachers from various schools in Thrissur district. Each group consisted of five students and a teacher guide and they presented their projects on Understanding the Weather & Climate. Dr. Anil Kumar, Engineer ANERT, Dr. Raghunanadan, KVASU and Dr. Litty Irimban, St. Marys College Thrissur were the judges and five teams were selected to participate at the state level.



SERIES OF TALKS BY EMINENT PERSONALITIES FOR STUDENTS

- A talk on *Statistical Thermodynamics* was conducted for PG Students by Dr. Rani Varghese, Asst. Prof, Dept. of Chemistry, Christ College, Irinjalakuda on 05/01/2016.
- Rev. Dr. L. Joji Reddy, Principal, Loyola Academy Degree and PG College, Secandarabad, Telangana given an inspirational talk for Chemistry & Biotechnology students on 15/01/2016.

SOAP MAKING

Soap is an essential commodity of daily life. Soaps are salts of fatty acids. Since the method of preparation is very simple and economical it can be prepared very conveniently at home, The soaps prepared here are of best quality using only natural ingredients free of harmful effects.

Objectives of Soap making:

- **Apply scientific knowledge in practical life**
- **Facilitate team work and critical analysis**
- **Enhance community consciousness**
- **Self-employment**

The Department organize demonstrations on each year for every batch of selected students under the guidance of Sr. Mary K.P., HOD of Dept of Chemistry. The students who got training will give training to other students also. The soaps were also placed for sale in college exhibition. The programme was quite successful.

Activities involved:

Demonstration classes

Production of soap

Sale of soap at reduced rate



PAPER BAG MAKING

As a part of plastic disposal the Dept of Polymer Chemistry started production of Paper bag. By using paper bags we can reduce plastic pollution. Our objective is to find eco-friendly substitute for plastic, Facilitate team work and critical analysis, Enhance community consciousness and Self-employment. The Department organize demonstrations on each year for every batch of selected students under the guidance of Sr. Mary K.P., HOD of Dept of Chemistry. The students who got training will give training to other students also. The paper bags were also placed for sale in college exhibition. The programme was quite successful.

Activities involved:

Demonstration classes

Production of paper bags

Sale of paper bag at reduced rate



- Conducted study tour for third BSc. students to Pondicherry- Madras on 16-20/09/2015. As a part of industrial visit, they visited Pondicherry University with faculties Sr. Mary K P & Ms. Nithya C S.
- As a part of CSS, first DC Students **visited Abaya Sadan**, Mariapuram with faculties, Dr. T. Geetha & Ms. Nithya C S on 23/11/2015.
- As a part of CSS, third DC Students **visited Carmel Mount Special School**, Mullurkkara with faculties Sr. Mary K P, Dr. T. Geetha, Dr. Bincy Joseph & Ms. Nithya. C S on 25/11/2015.
- As a part of CSS, second DC Students **visited Carmel Mount Special School**, Mullurkkara with faculties Dr. Bincy Joseph & Ms. Nithya. C S on 27/11/2015.