

PG & RESEARCH DEPARTMENT OF CHEMISTRY

Association Activities 2019-2020

The inaugural meeting of Chemistry Association was held on 9th July 2019. Dr. J. O. Jeryda Gnana Jane Eljo, Assistant Professor of Social Work Department, Bharathidasan University was the chief guest. Dr. Jeryda enlightened the students on the basic **human values** such as love, justice, freedom, kindness, respect, friendliness and so on. Dr. Jeryda made the students to think about the human values that are diminishing in the day-to-day life. Dr. Jeryda concluded by saying, that the value system should be retrieved among the student community, which ultimately brings out the goodness in every human being.



Mr. A. Johnson Francis, Assistant Professor and Coordinator of the Department Of English (Shift II), St. Joseph's College (Autonomous), Trichy was the chief guest, for the association meeting held on 8th August 2019. Prof. Johnson spoke on the topic "**Evolutionary Growth of Women Psyche – An Understanding**". He explained how the theories of evolution portray men as active individuals and women as that of passive weak individuals. He enlightened that modern woman have forged their own strategic way forward, to shape their destiny.



Mr. S. Tamil Selvan, Memory Trainer, Kite SLP Academy, Trichy, spoke on the topic "**Memory techniques for Chemists**", on 19th September 2019. Mr. Tamil Selvan emphasized that memory training is

the art of enhancing the ability of the brain to process and store positive information that can be used in the future for the benefit of the individuals. He taught the students to memorize the names of all the elements in the Periodic Table by relating with pictorial representations.



The Students of II B.Sc. Chemistry 'B', actively participated in the **SWACHH BHARAT** campaign, in Ayyampalayam village, on 5th December 2019. Students cleaned the temple and removed the roadside weed plants. The students separated into five groups and created awareness on cleanliness among the village people. Then the students went to the Government School in the village and conducted a program on “How to overcome exam fear” and distributed plant saplings.



The Association Meeting of the Chemistry Department was held on 31st January 2020, in Shanthi's hall. Mr. R. Jegan, Chemical and Metallurgical Superintendent Ponmalai Workshop, Southern Railway, Trichy, was the chief guest. Mr. Jegan enlightened the students on Mr. Jegan enlightened the students on the topic “**Career Guidance**” and spoke about various job opportunities in Central Government Departments for UG and PG Chemistry Students. He also discussed the questions on Chemistry, which are asked in the competitive exams for Central Government jobs. He also encouraged the students to join in the Telegram APP “Agaram” created by him, where he posts the job opportunities related to Chemistry field in Central Government.



NATIONAL SEMINAR

A **one-day National Seminar on “Environmental Sustainability”** was conducted by the PG and Research Department of Chemistry, Holy Cross College, on 11th October 2019. The aim of the seminar is to bring together the young students, faculty and researchers to address the new and emerging challenges that the environment is facing and to find solutions to achieve sustainable development. Dr. M. Vibin, Assistant Professor of Biochemistry, St. Albert’s College, Ernakulam, Kerala, delivered the inaugural address. The inauguration was followed by four invited talks. Dr. M. Vibin, Assistant Professor of Biochemistry, St. Albert’s College, Ernakulam, Kerala, spoke on the topic “Food Grade Nano Based Delivery Systems: Environmental Benefits and Recent Development”. He focused on the types of nanoparticles for polyphenol delivery, gold nanoparticles in cancer therapy and therapeutic effects of green tea polyphenols. Dr. N. D. Srinithi Vihahshini, Assistant Professor, Department of Environmental Science and Management, Bharathidasan University, Trichy delivered a talk on the topic “Our role and responsibilities in Sustainable Development”. She emphasized that as an individual, it is our responsibility to save the environment and maintain the sustainable development and make the earth a best place for future generation. Prof. Alagappa Moses, Associate Professor and Head, Department of Environmental Sciences, Bishop Heber College, Trichy gave a lecture on the topic “Environment Sustainability Initiatives in Higher Education”. He explained the outcomes of various summits held on sustainable development, sustainable development goals and environmental sustainability initiatives in educational institutions. Dr. Preethi Xavier, Homeopathy Practitioner, Mentor, Payir Trust, Thenur Village, Alathur Taluk, Perambalur, presented a lecture on the topic “Role of Women in Environmental Sustainability”. She insisted that, women play a critical role in managing natural resources in family and community. The one-day National Seminar, attended by the UG and the PG students of the Department of Chemistry, Holy Cross College, has been organized to gain knowledge in the field of Environmental Sustainability and to stress the role and responsibility of an individual in Sustainable Development.



WORKSHOP

The Department of Chemistry organized a **two-day workshop on the topic BIG IDEA- IDEA GENERATION**, on 22nd and 23rd November 2019, in Shanthy's hall. Mr. R.Venkatesh, Entrepreneurship coordinator, Care business school and Mr. Stracey George, Skill trainer, Care business school, were the resource persons. The students of III UG of shift I and II and II PG attended the workshop. It is high time that the Department of Chemistry has ventured into this workshop that aims to narrow down the gap between being a chemist and an entrepreneur. The students got an idea about entrepreneurship. They were divided into groups and made to discuss about the problems they face in their daily lives. The resource persons encouraged the students to find solution for the problem, which ultimately led them to product design. Each group came out with different products like dress sanitizer, hair fall prevention paste, disease detector, bucket washing machine, pollution controller, etc.. .The objective of the workshop is to encourage the students to ideate and create better solutions that turn into great ventures.



PG & Research Department of Chemistry
Holy Cross College (Autonomous)
 Affiliated to Bharathidasan University
 Nationally Accredited (3rd Cycle) with 'A' Grade by NAAC
 College with Potential for Excellence
 TIRUCHIRAPPALLI - 620 002, Tamilnadu, India.

*Cordially invites you to the
 Workshop on*

BIG IDEA - Idea Generation

Date : 22nd & 23rd November 2019
Time : 9:00 a.m. to 3:00 p.m.
Venue : Shanthi's Hall

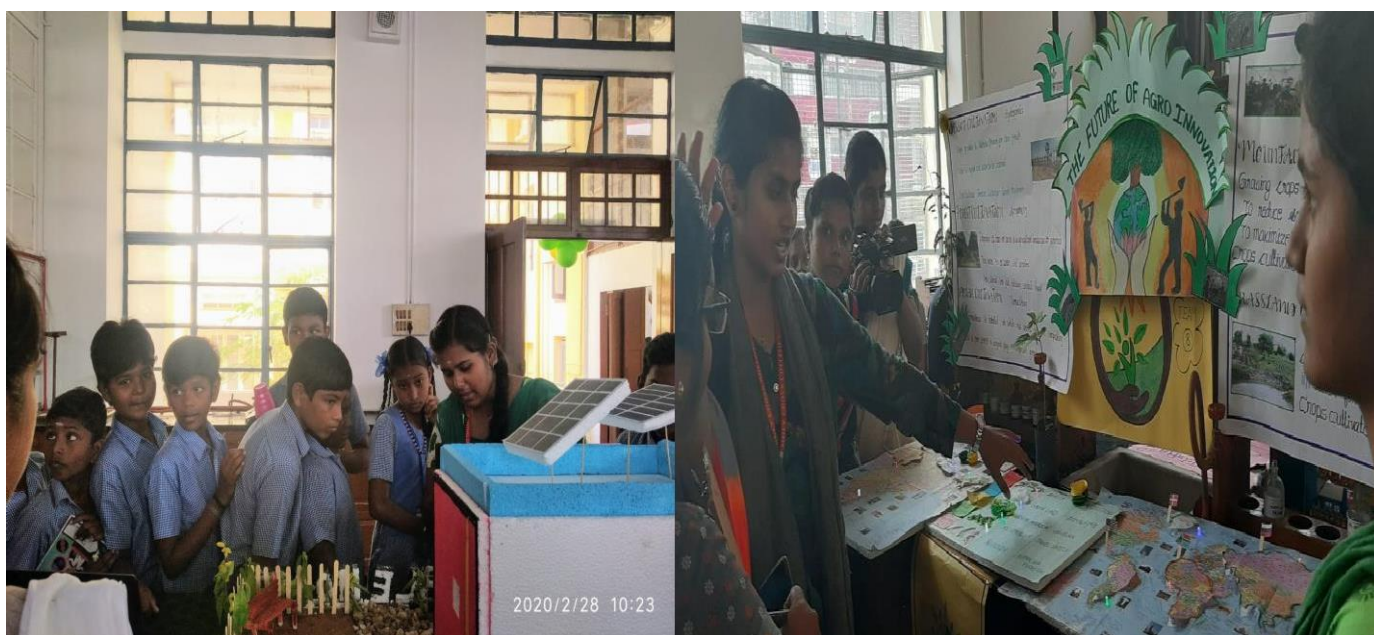
Presided by
Rev. Dr. (Sr.) Christina Bridget, A.
 Principal, Holy Cross College (Autonomous), Tiruchirappalli.

Resource Presons
Mr. R. Venkatesh
 Entrepreneurship Co-ordinator CARE Business School
Mr. Stracey George
 Skill Trainer
 CARE Business School

CHEM EXPO - 2020

The PG and Research Department of Chemistry, Holy Cross College (Autonomous) Trichy, organized a chemistry exhibition **CHEM EXPO – 2020**, on 28th February, 2020. The exhibition with the theme

“Environmental Sustainability” was inaugurated by Rev. (Sr.) Dr. Christina Bridget, Principal, Holy Cross College, Trichy. The main focus of this exhibition is to create a good awareness on proper usage of energy, water, food and ecosystems. The undergraduate and postgraduate students of Chemistry Department exhibited models on Environmental Sustainability Summits, Forest and Wildlife management, Waste disposal and Recycling, Alternative Agriculture, Water Conservation, Global warming, Climate Change, Air Pollution prevention, Water Pollution Prevention, Sustainable Infrastructure and Energy Management. Nearly 1600 students from various schools in and around Trichy along with the teachers visited the exhibition. Students from St. Anne’s Middle School, St. Mary’s Tope Middle School, R.C. Middle School, Government Higher Secondary School (Thirupanjeeli), Alangavilas S.S.M Middle School, St. Juliana’s Middle School, Holy Redeemers Middle School, R.C. Aathimulam Middle School, R.C. St. Stanislas Middle School, Holy Cross Girls’ Hr. Sec. School (Teppakulam), Trichy and the science departments of Holy Cross College, Trichy were benefitted from the exhibition. Overall, the Exhibition ChemExpo-2020 gave a strong insight to the students and the beneficiaries about the sustainable environment for the benefit of mankind.



CHEM FEST’ 2020- INTERCOLLEGIATE COMPETITION

On 9th March 2020, the PG and Research department of Chemistry organized an Inter-Collegiate Competition **CHEM-FEST’ 2020** on the topic **“PERIODIC TABLE”**. Nearly ten colleges from in and around Trichy participated. The various competition such as Chem Quiz, Chem Rangoli, Extempore, Paper presentation, cartooning, chem tunes, Dumb-charades and Ad act were conducted. Total of 124 students actively participated in the event. The overall Winners trophy was bagged by St. Joseph’s College, Trichy. Seethalakshmi Ramaswami College, Trichy bagged the Overall Runners trophy.



The Inaugural meeting of chemistry association of Shift-II was held on 16.07.2019 at 11.00 a.m. The chief guest was Dr. J. Princy Immaculate, Principal, J.J. College of Education, Trichy. Ms. Sivaranjani (III B.Sc. Chemistry), Student Council Member gave the welcome address. Ms. R. Vishnupriya, Association Secretary, read the minutes of business meeting held on 26th June 2019. Madam began with an ice breaking session and explained the acronym of ATM, Attention, Time, and Moral values. She also gave an inspirational talk on 20-20 rule to handle time from life till death. She suggested to follow ATM and 20-20 rule, positive attitude, self-esteem, obedience and information to become a successful person.



The Association Meeting of the Chemistry Department was held on 25th September 2019, in Shanthi's Hall. The chief guest Dr. Vanathi Sabtharishi, Assistant Professor, KPV Govt. Medical College, Trichy gave an inspirational talk on "Women's health and hygiene". She gave the message about personal health, problems which the young women face belong to health, importance of healthy food, eye opening instruction about vaccines freely provided by government and their importance.



The Association Meeting of the Chemistry Department was held on 17th October 2019. The chief guest Mr. P. Arockia Doss, Assistant Professor, St. Joseph's College, Trichy delivered a lecture on "Rearrangement Reactions in Organic Chemistry". He taught how to learn the rearrangement reaction in easyway. The session was very informative and interactive.

