

## **Association Report**

**2019-2020**

On behalf of the chemistry association, a guest lecture was organised on 03.07.2019. Dr. Chandramouli, Technical Senior manager Heavy water plant delivered a lecture on “HWP an overview”. Dr. Rajamohan, HWP Thoothukudi explained the internship details for the PG students’ project. Dr. H. Kohila Subathra Christy welcomed and delivered the vote of thanks. All final year UG students and PG students interacted with the resource person effectively.

Motivational talk was delivered by our department alumna Ms. M. Mahalakshmi on the topic “career guidance” through video conferencing at 1.30 pm on 19.7.19. All final year UG students and PG students interacted with the resource person effectively.

Industrial visit was carried out at Heavy Water Plant (HWP), Thoothukudi, Department of Atomic Energy, Tamilnadu, on 8<sup>th</sup> August 2019. The main objective behind the visit was to make student aware about how various activities related to chemical products manufactured and human resource are carried out in Industry. 52 students of III UG & II PG and accompanied 4 staff members were left for visit at 9.30 a.m from our college campus in a private vehicle and it took about 30 minutes to reach.

As soon as we reached the industry, we were refreshed with tea and snacks and guided by Mr. M. Chandra Mouli (Technical Services Manager) & Mr. R. Raja Mohan (PC & AL) and in the seminar hall building where an orientation of industry was given about the history of the industry. It was great to know that industry follows conservation of environment, social services, education, Award for the employees and conscious about clean and green.

After introduction all students were brought to visit plant to understand how production is carried out in company and how company reaches their customer. The organization is primarily responsible for production of Heavy water ( $D_2O$ ) (from normal water) which is used as a Moderator and coolant in nuclear reactor. HWP consists of two plants i) solvent production plant ii) solvent extraction plant. HWP has entrusted with development and deployment of technology for separation of rare materials from phosphoric acid and production of solvents. The product from this plant will be sent to other DAE units for further separation and refining and will be finally utilized for Indian nuclear program.

Energy Auditing , Flue Gas Conditioning, Surplus Electrical Power Supply, Process Retrofitting / Re-engineering, Integrated Energy Management, Commissioning Assistance

& Safety Assessment. The team was able to gather knowledge on manufacturing processes starting from raw material producing to final product making process.

In connection with the Birth Anniversary of Dr. A.P.J Abdul Kalam, Chemistry association conducted a special programme was organised at 1 a.m on 26.7.2019. Dr. S. Sivakamisundari, Assistant Professoer of Tamil was the invited chief guest. Dr. H. KohilaSubathra Christy head, Department of Chemistry welcomed the gathering. Dr. Abdul Kalam's life history, childhood, education, research findings as president was elaborated by the resource person. All Chemistry students were the beneficiaries.

To pay tribute and remember all the freedom fighters that had contributed a lot and fought for the Independence of India. The **73<sup>rd</sup> Independence Day** was celebrated at the College premises by the **Department of Chemistry** on August 15<sup>th</sup>, 2019. All the staff and students were gathered in the College premises at 8.00AM to celebrate the function. A disciplined and uniformed **NSS volunteers** added to the spectacle of the ceremony.

The Chief Guest **Dr.P.G.Seethalakshmi**, Former Principal, has accepted the Guard of Honor by the College N.C.C team and to commemorate the sovereignty of our country the Chief guest unfurled the tricolor in the backdrop of melodious notes of the flag song along with the dignitaries who were escorted by **Lt.Muthukani, ANO** and **Mrs.H.KohilaSubathra Christy, NSS Program Officer, Unit No. 47&Dr.J.VasanthaSena, NSS Program Officer , Unit No.57** and all in unison sang the flag song and expressed the joy of freedom.

Our Principal **Dr.N.Meenakumari** welcomed the gathering and honored the Chief Guest with the memento. The Chief Guest delivered the Independence Day message. She told the students about the supreme sacrifice the great martyrs who gave their lives for the sake of freedom. She also said that the freedom was very precious and it was very necessary to preserve.

Then the staff member of various Departments gave their Independence Day message. All the speakers spoke on the significance of the historic day. They advised the students to become ideal citizens of the country. India is a unique blend of diverse religions, languages, cultures, faiths, beliefs rituals and practices which were portrayed by a small cultural programme put up by the students including Bharadanatyam, mime, and dance. In connection with Independence Day celebration a Rangoli competition was conducted by the Department of Chemistry on "**Corruption free India**" and fancy dress competition on "**The Great Indian Leaders**".

Finally, **Dr.H.KohilaSubathra Christy, Head, Department of Chemistry** concluded the day up with the vote of thanks, this day reminds us every year that freedom is sacred and citizens must do everything to ensure that it shall not be endangered. The Independence Day celebration was over successfully with the **National Anthem**.

On behalf of the Chemistry association, an alumnae meet was conducted at 2.00 p.m On 15.08.2019. Mrs. Raja Kavitha, Manager, Union Bank of India, Thoothukudi, alumna of Chemistry welcomed the gathering. Alumni of various batches attended the function. Chief guest delivered a talk and Games were conducted especially for alumni students. Dr. P. YokeswariNithya delivered the formal vote of thanks.

**Competitions conducted by Chemistry association:**

S.No	Date	Competition	Prize
1.	09.08.2019	Book Recitation (Book lovers' Day)	I Prize - M. Subashree - I B. Sc Maths (U.A) II Prize – AlaguMeena- II B. Sc Zoology
2.	14.08.2019	Pencil Drawing	I Prize - S. Akila – II M. Sc Chemistry II Prize - P. Muthumari - II M. Sc Chemistry
3.	14.08.2019	Tamil Elocution	I Prize - V. Krishna Prabha – II M. Sc Chemistry II Prize - M. Karthiga – II M. Sc Chemistry
4.	15.08.2019	Rangoli Competition (Corruption Free India )	I Prize - M. Ilakiya T. Sobika – I B. Sc Chemistry; II Prize - S. Akila, V. Krishna Prabha - II M. Sc Chemistry II Prize - Sindhuja, PonIndra – I B. Com (R)
5.	15.08.2019	Fashion Parade	I Prize - P. Regina – II B. Com (R) II Prize - SakthiSwarna – I. B. Sc Maths
6.	15.10.2019	Slogan competition	I Prize – S. Uma Sankari – III B. Sc Chemistry II Prize – C. Atchaya – I B. Sc Chemistry

**Prize winners**

S.No	Name	Register. No	Maj or Clas s	Event	Organised By	Outcome
1.	T. Sobika	20192011504142	I Year	Rangoli	A. P. C. MahalakshmiC	I Prize

					College for Women	
2.	M. Ilakkiya	20192011 504112	I Year	Rangoli	A. P. C. Mahalakshmi College for Women	I Prize
3.	P. MuthuPavithira	20192011 504124	I Year	Drawing	Tamil Department A. P. C. College	II Prize
4.	G. Maha Lakshmi	20182011 504122	II Year	Kho-Kho	A. P. C. College	Second Position
5.	G. Maha Lakshmi	20182011 504122	II Year	Marathon 5km	A. P. C. College	Third Position
6.	G. Maha Lakshmi	20182011 504122	II Year	800m Run	A. P. C. College	Third Position
7.	G. Maha Lakshmi	20182011 504122	II Year	Marathon 6km	SivanthiAathit hanar College Thiruchenthoor	Seventh Position
8.	G. Maha Lakshmi	20182011 504122	II Year	Marathon 5km	Kamaraj College Thoothukudi	Sixth Position
9.	S. Uma Sankari	20172011 504143	III Year	Poster Making	Eco Club	I Prize
10.	M. BagavathiGayathri	20172011 504104	III Year	Basket Ball Match	M. S. University	III Place