

DEPARTMENT OF CHEMISTRY

REPORT ON THE PROCEEDINGS OF “CHEMISTRY DAY” FUNCTION

“CHEMISTRY DAY” was celebrated on 15th March 2023 in the Bharathiyar Conference Hall, TGASC, Puducherry. Two Chief Guests were invited for the function to give special lectures.

1. Shri. Dr. R. Padmanaban, Ph.D., Associate Professor, Department of Chemistry, Pondicherry University, Puducherry.
2. Smt. Dr. V. R. Sumathi, Ph.D., Scientist, Department of Science, Technology & Environment, Puducherry

After invocation and lightning “kuthuvilakku”, Dr. R. Veeraraghavan, Head of the Dept. welcomed the gathering. Guest Speakers were introduced by Dr. K. Balamurugan and Dr. Ajay Kumar Gupta and then they were honored. Our Principal, Dr. Sasi Kanta Dash, Ph.D. presided over the function and delivered presidential address. Students who got 1st, 2nd and 3rd positions in the following competitions received their prizes and certificates from the hands of our Principal and the Chief Guests:

1. Essay Writing
2. Elocution
3. Quiz
4. Poster Making

A debate competition on environment related topic was also conducted for first year students by Dr. K. Balamurugan and certificates were awarded in the function.

Dr. R. Padmanaban, Associate Professor, Department of Chemistry, Pondicherry University, Puducherry, spoke on the topic “**Future in Chemistry**”. He described elaborately about the scope of studying chemistry as major at the undergraduate and post graduate level. The various avenues available for higher studies and placement in reputed organizations were discussed and the ways and means of attaining them was explained. According to him, there is an immense scope of B.Sc. Chemistry across the public as well as private sector. Jobs in educational institutes (academics), research field, chemical industries, pharmaceutical companies, agrochemical industries, plastic manufacturing units, petrochemical industries, food processing industries, paint manufacturing companies, textile industries, hospitals, medical labs, private clinics, research centres, forensic science

department, etc. were analysed and also the role of water chemist, material scientist, hazardous waste chemist, toxicologist and so on were discussed. B.Sc. Chemistry graduates can also opt for government jobs in research and laboratories or can explore diverse career opportunities in the pharmaceutical and medical sector. Chemistry is one of those subjects which are in popular demand in almost every industry. After M.Sc. in chemistry the road diverges to various fields depending on one's own interest in any field. Numerous public and private sector organizations recruit post graduates in M.Sc. in Chemistry. These organizations provide the graduates with high remunerations also. Graduates in this field can also find promising jobs in many of the organizations abroad also. Many chemical industries and plants abroad recruit graduates in M.Sc. in Chemistry. His mention about the various fellowships grants etc. to pursue higher studies in chemistry in India as well as abroad was of great importance to our students. They got very much interested and motivated by his speech.

Smt. Dr. V. R. Sumathi, Scientist, Department of Science, Technology & Environment, Puducherry, spoke on the topic **“Water and Air Quality in Puducherry”**. Human activities since pre-industrial time have resulted in large increase in water and air pollution. After mentioning about ways by which the environment gets spoiled, she emphasized on the ways and means of protection of it. She gave the current water and air quality indices of Pondicherry region and explained about the real-time air quality and mentioned that it is now about 8 times that of WHO annual air quality index value. The condition and quality of the air in Puducherry region by measuring the Air Quality Index (AQI) and compared the measured values with standard values. She also mentioned about the National Ambient Air Quality Standards, (NAAQS) and the variation of ambient air quality with various climatic conditions. The key water quality parameters such as dissolved oxygen, temperature, pH, salinity, BOD, COD, electrical conductivity (EC), total dissolved solids (TDS) and chlorophyll content etc. The impact of industrial pollution on land, water and agricultural production in Puducherry region was mentioned. She also emphasized on the study of specific air pollutants like methyl mercaptan, vinyl chloride, sulphur dioxide etc.

Both the topics were very much interesting and beneficial to the students of chemistry and the guest speakers did their job in a wonderful manner, which was highly appreciated by all the students and staff.

Yoga demonstration was given by one of our student Prakash Chander of final year and dance program was performed by third year girls Deivanai and Keerthana. Dr. P. Azantha Parimala proposed vote of thanks and the function came to an end with national anthem.

GLIMPSES OF THE FUNCTION:









TAGORE GOVT. ARTS & SCIENCE COLLEGE, PUDUCHERRY

DEPARTMENT OF CHEMISTRY

REPORT ON THE CELEBRATION OF 75TH INDEPENDENCE DAY OF INDIA

(AZADI KA AMRIT MAHOTSAV)

In commemoration of Azadi Ka Amrit Mahotsav (75th Independence Day celebration), an essay writing competition for the 156 students of chemistry on the topic **“Role of Puducherry in the Freedom Struggle of India”** has been conducted today (17-08-2022) in the Department of Chemistry. Thirty students participated enthusiastically in the competition.

This program has provided awareness among the younger generation and a chance to understand the value of the hard-earned freedom of our country. The role of Puducherry region and the people in the freedom struggle movement become clear to them, leading to understand their social responsibilities in promoting peace and security, as citizens of India. As national development is in the hands of young generation, it is our responsibility to provide adequate opportunities for the young mind, which is more fresh and innovative, to get enough knowledge and practice their ideas and policies for the upliftment of the nation. With this idea, the program was conducted successfully for the students of our department and prize winners are selected.

Glimpses of the program:



**TAGORE GOVERNMENT ARTS & SCIENCE COLLEGE
PUDUCHERRY-8**

DEPARTMENT OF CHEMISTRY

CIRCULAR Dated: 08-08-2022

In commemoration of "Azadi Ka Amrit Mahotsav" (75th Independence day of India), our department is organizing an essay writing competition for students in order to make the younger generation aware of the freedom struggle activities of Puducherry.

TOPIC:- "ROLE OF PUDUCHERRY IN THE FREEDOM STRUGGLE OF INDIA"

DATE: 17-08-2022

TIME:- 11:30 to 12:30 am

VENUE: Department of Chemistry

COORDINATORS: Dr. Azamtha Parinash and Dr. K. Radamuragan

Essay can be written either in Tamil or English for a maximum of 4 pages.
Students who are interested to participate in the competition should register their name with any one of the coordinators on or before 16-08-2022.

Prizes and certificates will be distributed to the winners of the competition

இந்திய விடுதலைப் போராட்டத்தின் புகழ்ச்சியின் பங்கு







DEPARTMENT OF CHEMISTRY

REPORT ON “CHEMISTRY ASSOCIATION DAY”

“CHEMISTRY ASSOCIATION DAY” was celebrated on 12th March 2019 in the Conference Hall, TGASC, Puducherry. Two Chief Guests were invited for the function to give special lectures.

1. Shri. C. Maran, Superintendent of Police (North), Government of Pondicherry
2. Sri. C. Sivakumar, IRS, Additional Commissioner of Income Tax Department, Puducherry

Dr. R. Veeraraghavan, Head of the Dept. welcomed the gathering and introduced the chief guests. Principal-in-charge Dr. Elango, Ph.D. presided over the function and delivered presidential address. The following competitions were held among the students and the prize winners were awarded prizes in the function.

1. Essay Writing
2. Elocution
3. Quiz
4. Poster Making

A debate competition on the topic “Environmental Chemistry” was conducted during the function by Dr. K. Balamurugan and certificates were awarded.

Shri. C. Maran, Superintendent of Police (North), Government of Pondicherry in his inaugural speech mentioned about the disciplines to be followed by college students. His speech was highly motivational to our students.

Sri. C. Sivakumar, IRS, Additional Commissioner of Income Tax Department, Puducherry gave valedictory address in the afternoon on the topic “***Your Pathway to I.A.S and other Civil Services***”. This topic was of great interest among the civil services aspirants and motivated our students very much. The way in which the speaker interacted with the students was highly appreciated by all.

Finally, Dr. P. Azantha Parimala proposed vote of thanks and the function came to an end with national anthem.

GLIMPSES OF THE FUNCTION:





TAGORE GOVERNMENT ARTS & SCIENCE COLLEGE, PUDUCHERRY

DEPARTMENT OF CHEMISTRY

REPORT ON “INVITED TALK”

Department of Chemistry conducted an invited talk on Thursday, the 29th Aug. 2019 at 2:00 P.M. in the Conference Hall, TGASC, Puducherry. Head of the Department, Dr. R. Veeraraghavan, welcomed the gathering and introduced the chief guest to the audience. Our Principal, Dr. Sasi Kanta Dash, Ph.D., presided over.

Dr. A. Subramania, Head, Centre for Nanoscience and Technology, Pondicherry University participated as the chief guest and delivered the key note address on the topic “NANO MATERIALS & THEIR APPLICATIONS”. Nano chemistry was a new topic which had been included in the curriculum in the CBCS pattern introduced by Pondicherry University from the year 2017-18. The first set of students studied this topic in their fifth semester of 2019-20. Hence, this invited talk was highly beneficial and essential to our students as well as staff, who were exposed to this new field for the first time. Thus, this invited talk served its purpose to a very good extent and the students got very much benefited by this invited talk.

Also we could get help from the Centre for Nanoscience and Technology, Pondicherry University regarding conducting practicals in Nano chemistry, which has been included in our curriculum. Few sessions of the practical as well as theory classes had been engaged by Dr. Subramani and his research scholars. Preparation of nano materials and their characterization was designed as per their guidance and sufficient practice in this field has been given to our students.



DEPARTMENT OF CHEMISTRY

“CHEMISTRY ASSOCIATION DAY - 2018”

The Chemistry Association Day was celebrated on Friday, the 6th April 2018 in the Conference Hall, TGASC. Two Chief Guests were invited for the function to give special lectures to the students.

1. Sri. P. Vengataramanane, B.E (External Faculty, Petroleum Conseration Research Association)
2. Sri. L. Ragunathan, B.Sc., P.G.Dip., AIC (Water Analyst, Public Health Division, PWD, Puducherry)

Sri. P. Vengataramanane, B.E (External Faculty, Petroleum Conseration Research Association) delivered a lecture on the topic “Global Warming” in the morning session. He talked elaborately on the environmental factors and the ways of protecting the environment. At the end, he screened a video clipping also, which was highly appreciated by the students.

Sri. L. Ragunathan, B.Sc., P.G.Dip., AIC (Water Analyst, Public Health Division, PWD, Puducherry gave a lecture on the topic “The Role of Water in Public Health” in the afternoon session followed by interaction with students.

Our Principal Dr. Sasi Kanta Dash Ph.D. presided over the function and delivered presidential address.

Various competitions were held in connection with the occasion and prizes to the winners were awarded in the function.

Dr. R. Veeraraghavan, Head of the Dept. welcomed the gathering and introduced the chief guests. Our Principal, Dr. Sasi Kanta Dash, Ph.D. presided over the function and delivered presidential address. The following competitions were held among the students and the prize winners were awarded prizes during the function.

1. Essay Writing competition
2. Elocution competition
3. Quiz competition
4. Poster presentation

GLIMPSES OF THE FUNCTION:



