

INVITATION

D.K.M.COLLEGE FOR WOMEN (AUTONOMOUS) VELLORE-1
(Accredited by NAAC with "A" Grade)



PG & RESEARCH DEPARTMENT OF CHEMISTRY
Organises Association meeting

On

"Impact of Chemistry on Diverse Sectors"



Resource Person

Dr. K. Geetha

**HOD & Associate Professor of Chemistry,
Muthurangam Government Arts College (Autonomous),
Vellore**



Date: 04.03.2024 Time: 11.30 am



Venue: D-Block Conference Hall

**Vice President & HOD
Dr. M. Nagarathinam**

**Principal
Dr. R. Banumathy**

All are cordially invited

Report of the Activities of Chemistry Association for the Academic Year 2023-2024

The college union and its allied associations were inaugurated on 27.07.2023 by **Dr. G. Ezhilan**, M. Com., M. Phil., Ph.D., Regional Joint Director of Collegiate Education, Vellore Region, Vellore.

The office bearers of the association are

President : Dr. R. Banumathy, Principal

Vice-President : Dr. M. Nagarathinam, Head & Associate Professor of Chemistry & Ms. E. Swetha, Assistant Professor of Chemistry

Secretary :A. Nousheen Iffath, III B.Sc., Chemistry & R. Gayathri, II M.Sc., Chemistry

MHRD - Institution Innovation cell and Department of Chemistry of D.K.M. College for Women had organized an awareness programme on “Innovation in startups” on 28.06.2023 in D-Block conference hall at 10.00 a.m. Mr. S. Rajesh Kumar, District Executive Officer, Vaazhndhu Kaatuvom Project (VKP-TNRTP), Department of Rural Development and Panchayat Raj, District Project Management Unit (DPMU), Ranipet District, acted as a resource person. He delivered a lecture on the topic, “Innovation in startups”.

Department of Chemistry has organized two days Educational trip on Ooty (04.09.23 & 05.09.2023). We visited Doddabetta on Monday (04.09.2023). We saw the telescopic view and binocular point of Ooty. There was a vedio running, explaining each stage of tea production. Then we visited Botanical garden. On the last day, we visited Pykara falls, shooting spot and Sims park at Coonoor. We returned to Vellore on early morning on 06.09.2023.

For the academic year 2023-2024, the PTA meeting was conducted on 30th September 2023. Totally 90 parents attended the meeting. All the staff members of the department of Chemistry and the students participated in it. The meeting started at 10.30 am with a silent prayer. Dr. M. Nagarathinam, HOD gave the welcome address and addressed the gathering. She highlighted all the facilities available in the college and advised both the students and parents to

utilize them to the maximum extend. She requested the parents to take care of their children regarding their dress code and punctuality.

PG & Research Department of Chemistry organized the International Conference on “Advances in Chemical and Biological Sciences” on 10th January 2024. More than 250 delegates from various Institutions and companies registered to participate in the conference. Dr. Vijayakumar Sekar, Research Professor, Marine College, Shandong University, Weihai, China, released the Souvenir and it was received by Dr.R.Banumathy, Principal and all faculty members. He delivered lecture on the topic “Advanced Biological Applications of Bio-wrapped Synthesis Nanomaterials”. He explained the importance of the study of the nanomaterials in organic and inorganic reactions. In the second technical session, Dr. N.S.K. Gowthaman, Post-Doctoral Researcher, School of Engineering, Monash University, Malaysia delivered lecture on the topic “Facile synthesis and Fabrication of Au-based Bimetallic Nanostructures for Electrochemical Sensing and Energy Conservation Applications” through Google meet. He explained the preparation and application of active biomaterials and its applications in pharmaceutical, environmental and industrial field.

Department of Chemistry has conducted extension activities on 02.02.2024 at Government Girls Hr. Sec. School, Sekkanoor. Our B.Sc Chemistry students were actively participated in this event. Dr. N. Dhanam and Dr. R. Arunadevi have arranged the program with 13 II-Chemistry students. This programme is aimed to enlarge the scientific knowledge to the students because the school is located in a rural area.

D.K.M. College for Women, Vellore MHRD Institution innovation Council (IIC), DST-FIST centre, PG & Research Department of Chemistry and Rural Society for the Advancement of Chemistry (RUSAC) organised a intercollegiate UG paper presentation program on the topic “Any Topic Pertainig to UG Chemistry Syllabus” under Science day celebration on 28.02.2024 at D-block conference hall. Nearly 95 (including 20 male participants) students from various colleges in and around Vellore, Ranipet, Cudaloor & Tiruvannamalai district participated actively in the event with great enthusiasm.

Our UG students A. Nousheen Iffath and V.Bhagyashree from III Chemistry secured Ist place in RUSAC quiz programme conducted by Shanmuga Industries Arts and Science College, Tiruvannamalai on 24.01.2024. A. Nousheen Iffath from III Chemistry secured IInd place in

RUSAC paper presentation programme conducted by Auxillium College, Vellore on 10.02.2024. Our PG students participated and G.Swetha II M.Sc., Chemistry secured Ist place in Seminar programme conducted by C.Abdul Hakeem College, Melvisharam on 08.02.2024.

The Chemistry association conducted series of inter and intradepartmental competitions during the academic year 2023-2024.

For UG students an essay competition was conducted on the topic ‘Global Warming’ on 20.02.2024. Chemistry quiz was also conducted on the topic ‘General Chemistry’, Drawing competition on the topic ‘Prevention of Pollution’ & Paper Presentation on the topic ‘Topics Related to Chemistry’ were conducted on 02.03.2024.

PG students prepared working models on the topic ‘Chemistry in Everyday Life’ and exhibited and Demonstration was done on “Pollution Control and Measurement” on 16.02.2024. We had arranged education tour for PG students to Ooty on 19th and 20th February.

Today (04.03.2024), we are delighted to have Dr. K. Geetha, Head and Associate Professor of Chemistry, Muthurangam Government Arts and Science College, Vellore, as a chief guest to deliver a lecture on the topic ‘Impact of Chemistry on Diverse Sectors’. Department of Chemistry would like to express the appreciation to all our chief guests, who have taken time out of their busy schedules with their presence. Her presence has added an extra spark to this event and made it even more special.

| S. No | Name of the Winner | Class | Name of the Competition | Place |
|-------|--------------------------------------|--|-------------------------|-------|
| 1. | Nousheen Iffath. A | III B.Sc., Chemistry | Paper Presentation | I |
| 2. | Bhagyashree. V | III B.Sc., Chemistry | | II |
| 3. | Badma Pooja. N | III B.Sc., Chemistry | | III |
| 4. | Dhanusha.D | III B.A., History | Drawing Competition | I |
| 5. | Nousheen Iffath. A Fathima Zohra | III B.Sc., Chemistry III B.A., History | | II |
| 6. | Yamuna.S | II M.Sc., Zoology | | III |
| 7. | Nousheen Iffath. A Dhanusha.D | III B.Sc., Chemistry III B.A., History | Essay Competition | I |
| 8. | Sharmila.E Arzha Begum. K | II B.Sc., Chemistry III B.A., History | | II |
| 9. | Nousheen Iffath. A Bhagyashree. V | III B.Sc., Chemistry III B.Sc., Chemistry | | I |

| | | | | |
|-----|--|---|----------------------------|-----|
| | Nithesha. N Megala. C | II B.Sc., Chemistry I B.Sc., Chemistry | Quiz Competition | |
| 10. | Badmapooja.N, Thamilarasi.T Sharmila.E Divya.G | III B.Sc., Chemistry III B.Sc., Chemistry II B.Sc., Chemistry I B.Sc., Chemistry | | II |
| 11. | Shefana Anjum.A Lavanya. V Aarthy.K Sara Tasleem. G | III B.Sc., Chemistry III B.Sc., Chemistry II B.Sc., Chemistry I B.Sc., Chemistry | | III |
| 12. | R. Amara, S. Bhavani, J. Nithyasri | II- M.Sc., Chemistry | Chemistry Demonstration | I |
| 13. | R. Gaythri, K. Gowri | II- M.Sc., Chemistry | | II |
| 14. | S. Hemalatha, K. Vanisri | II- M.Sc., Chemistry | | III |
| 15. | S. Hinduja, D. Kalaiselvi, A. Saranya | I- M.Sc., Chemistry | Working model | I |
| 16. | T. Preethi, S. Hemalatha, A. Abarna | I- M.Sc., Chemistry | | II |
| 17. | R. Nirosha, S. Sneha, R. Sankari | II- M.Sc., Chemistry | Chart work | I |
| 18. | S. Kavishree, K. Kalpana | I- M.Sc., Chemistry | | II |

PHOTOS

