



ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE

Permanently Affiliated to Thiruvalluvar University
Recognized by UGC under sections 2(f) and 12(B) of the UGC Act 1956
Accredited with "B" Grade by NAAC
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2023 - 2024

INTERNATIONAL WEBINAR

TOPIC OF THE EVENT: Exploring bionanomaterials and chromogenic Nanomaterials: Fundamentals & applications

DATE :28 February 2024

Venue : Seminar Hall

Department of Chemistry along with PG department of Biochemistry Organized **International webinar on Exploring bionanomaterials and chromogenic Nanomaterials: Fundamentals & applications on 28.02.2024.** The Chief guest was **Dr.Balaji Subramanian.Ph.D. (IISC), Assistant Professor, Department of Physics & Astronomy, Trent University Canada.** All the I, II and III year students participated and the session was very innovative and the webinar lead to a new interesting research topics amongst students.

WORKSHOP ON MANUFACTURE OF SUPER ABRASIVES PRODUCTS

TOPIC OF THE EVENT: Manufacture of super Abrasives Product

DATE: 13 September, 2023

VENUE: Seminar Hall

Department of Chemistry Organized **Workshop on "Manufacture of super Abrasives Products"** Hands on training by **Ms.A.Asha Margaret., M.Sc.,DMLT.,B.Ed.,** Executive research and Development Wendt India Ltd, Hosur on 13.10.23. All the I, II and III year students participate and the session was informative for the Workshop.



STUDENT DEVELOPMENT PROGRAMME

TOPIC OF THE EVENT: Career Development

DATE: 3 September, 2023

VENUE: Seminar Hall

Department of Chemistry Organized **Student Development programme “Career Development”** Resource person **Mr.A.Balaji Kamal Raj**, M.Sc Material science senior executive, R&D Wendt India Ltd, Hosur on 13.10.23. All the I, II and III year students participate and the session was informative for the career life of the students.



INDUSTRIAL VISIT

TOPIC OF THE EVENT: Industrial visit to Vanitech

DATE: 4 October, 2023

VENUE: Vanitech, Vaniyambadi

Department of Chemistry arranged an industrial visit to Vanitech, Vaniyambadi in which 65 students from I & III UG on 04.10.2023 where the students learned so many different types of water purification methods using Zero liquid discharge (ZLD) which explained by the staff members of Vani Tech, New Town, Vaniyambadi. Ms.J.P.Mary Indumathi, and Ms.K.Aishwarya accompanied our students to coordinate in the successful manner.



NATIONAL LEVEL CONFERENCE ON RECENT ADVANCE MATERIALS IN CHEMISTRY -NCRAM

TOPIC OF THE EVENT: National level conference

DATE: 23 September, 2023

VENUE: KMG College of Arts and Science Gudiyatham

Nearly 34 students from III B.sc chemistry along with Ms.J.Thilagavathi has attended National level conference on Recent Advance Materials in Chemistry -NCRAM-2023 (23.09.2023) organised by KMG College of Arts and Science Gudiyatham and 2 students Ms.Princy velankanni and Ms.P.Vipisha has participated in poster competition and won 2nd Prize.



INTERNATIONAL OZONE DAY CELEBRATION

TOPIC OF THE EVENT: Save Ozone Save life

DATE: 16 September, 2023

VENUE: Seminar Hall

Department of Chemistry celebrated International ozone day on 16.09.2023. On commemorations of celebration of International ozone day Intracollegiate Poster presentation was conducted on topic "Save Ozone Save life" to motivate students about importance of ozone layer and many were participated actively. Ms.S.Aruna, Head Department of Biochemistry along with Ms.Sudha Assistant professor, Dr.K.Suganya Assistant professor Department of Biochemistry judged the posters and best poster presentation were given prizes.

I Prize-Mythili.M and Rushdha konain from III B.Sc Zoology

II Prize-Shafiya Naas and Madeha firdose from III B.Sc Chemistry

III Prize-Niha Afreen and Zuha from III B.Sc Biochemistry



OUTREACH ACTIVITY

TOPIC OF THE EVENT: Al-Ameen Matric Higher Secondary School

DATE: 17 August, 2023

VENUE: Al-Ameen Matric Higher Secondary School, Tirupathur

Department of Chemistry Conducted an outreach program in which (63) students from I, II & III UG visited **Al-Ameen Matric Higher Secondary School, Tirupathur** to inculcate basics of chemistry along with inspiring facts and importance of among the school children on **17.08.23** where students created awareness about chemistry to school students. They prepared interesting working models, charts explaining the basics and importance of chemistry amongst the school students. Ms. J.P.Mary Indumathi, and Ms. Faiqua Anjum accompanied our students to coordinate in a successful manner with school students.



2022-2023

STATE LEVEL SEMINAR

TOPIC OF THE EVENT: Research trends in Chemistry of Crystals

DATE: 20 March, 2023

VENUE: Seminar Hall

Department of Chemistry organized a State Level Seminar featuring Dr. C. Thirupathy, Assistant Professor at JCT College of Engineering and Technology, Coimbatore, as the Resourceperson. The chief guest's discourse on affordable crystal growth was thought-provoking. All the Ist, IInd, IIIrd B.Sc Chemistry students attended the program, which was very encouraging and knowledgeable. Students were provided with e-Certificates for their participation, and the program concluded with an interactive session clearing doubts.



CERTIFICATE COURSE

TOPIC OF THE EVENT: CERTIFICATE COURSE ON WATER QUALITY TESTING

DATE: 20/02/2023 to 25/02/2023

VENUE: III B.Sc. CHEMISTRY

Department of Chemistry conducted **30 hour certificate course on WATER QUALITY TESTING** for UG final year students from **20/02/2023 to 25/02/2023**. **40 students** from III B.Sc. chemistry has actively participated. The testing revealed varying levels of contamination across different water sources. The water quality testing project provided valuable insights into the current status of water bodies. While some sources are relatively safe,

others require intervention to ensure their safety and usability. Implementing the recommended measures will help improve and maintain the quality of this vital water sources. Ms.K.Mary Indumathi and Ms.A.Faiqua Anjum has successfully imparted knowledge about water quality testing to students in a successful manner.



INDUSTRIAL VISIT

TOPIC OF THE EVENT: Industrial visit to Vanitech

DATE: 09 February, 2023 VENUE: Vanitech, Vaniyambadi

61 students from II & III B.Sc Chemistry, accompanied by three faculty members, undertook an industrial visit to VANITEC LTD, a Zero Liquid Discharge Common Effluent Treatment Plant (ZLDCETP) located in Valayampet, Vaniyambadi. The visit provided valuable insights into various aspects of wastewater treatment, enhancing the students' knowledge and understanding of industrial operations. The staff members explained the tasks handled in different sections in a detailed manner, offering a comprehensive view of the industry's functioning. Overall, the visit was deemed highly useful and informative for the participants.

PARTICIPATION IN INTER-COLLEGIATE SEMINAR

TOPIC OF THE EVENT: Inter-Collegiate Seminar

DATE: 23.01.2023

VENUE: Islamiah College (Autonomous)

On 23.01.2023 20 students of III B.Sc Chemistry to **Islamiah College (Autonomous)** participated in Inter-Collegiate Seminar on “**NEW TRENDS OF SPECTROSCOPIC ANALYSIS**”. Two staff members from department of Chemistry, Ms.J.Thilagavathi and Ms.Faiqua Anjum A assisted the students. The seminar was very informative and students were clearly explained about various trends emerging in spectroscopic field.

VERMICULTURE ORGANIC FARM VISIT

TOPIC OF THE EVENT: Vermiculture organic farm at Chandru's Farming

DATE: 19.11.2022

VENUE: Nilavur, Yelgiri

All III UG students (40) from Department of Chemistry along with Department of Zoology visited **Vermiculture organic farm at Chandru's Farming, Nilavur, Yelgiri on 19th November 2022**. The visit included practical lecture on preparation of Vermicompost from initial stage like processing of cow dung to final packing and exporting of Vermicompost and also preparation of panchakavya and fish oil. The trainers over there explained the process in a very simple manner so that all our students got plenty of information regarding vermiculture. At last they offered Vermicompost, panchakavya, fish oil at offer prize for staff and students. After the visit our students were highly motivated to prepare Vermicompost at low cost at their home itself and also interested to construct vermiculture pit in our college campus.



OUTREACH PROGRAM

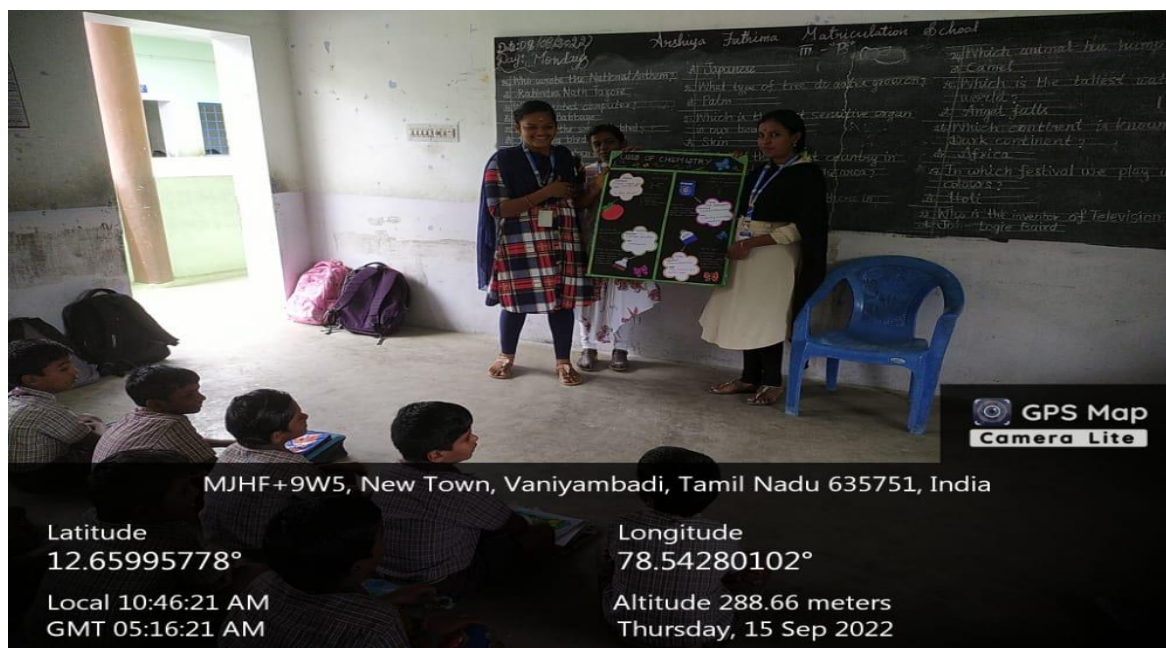
TOPIC OF THE EVENT: School visit to Arshiya Fathima Matriculation School

DATE: 15.09.2022

VENUE: Arshiya Fathima Matriculation School,

Ramanaikenpet

Department of Chemistry Conducted an outreach program in which 46 students from II & III UG visited **Arshiya Fathima Matriculation School, Ramanaikenpet on 15.09.2022** where students created awareness about chemistry to school students. They prepared interesting working models, charts explaining the basics and importance of chemistry amongst the school students. Ms.J.Thilagavathi, Ms.J.Lekha and Ms.Faiqua Anjum accompanied our students to coordinate in a successful manner with school students.



HERBAL GARDEN VISIT

TOPIC OF THE EVENT: Herbal garden visit to Kasini Herbal Garden

DATE: 03.09.2022

VENUE: Kasini Herbal Garden, Vaniyambadi

All the I, II & III UG students (116) from Department of Chemistry visited **Kasini Herbal Garden, Vaniyambadi on 03.09.2022**. The visit included lecture on Herbal fengshui treatments, molecular dystrophy, kasini treatment for kidney disorder, Garam Hamam-Hot room treatment. Students gained knowledge on enormous number of sacred trees, medicinal trees, and herbal plants. After the visit our students were highly motivated to do research on medicinal plants.



INTERNATIONAL YOUTH DAY SPEECH COMPETITION

TOPIC OF THE EVENT: INTERNATIONAL YOUTH DAY SPEECH COMPETITION

DATE: 12.08.2022

VENUE: Auditorium

The International Youth Day Speech Competition on August 12, 2022, celebrated the potential of young minds in chemistry. Under the theme "Fresh Beginning: Embracing the Chemistry of Youth for Fresher," the event aimed to engage youth in scientific discourse. A unique aspect was the audience's active role in selecting the winner through questions and discussions, promoting dynamic exchanges. Topics ranged from environmental sustainability to healthcare applications, showcasing participants' eloquence and knowledge. This inclusive, interactive format empowered students and successfully fostered dialogue and passion for chemistry among young individuals.

2021-2022

CERTIFICATE COURSE

TOPIC OF THE EVENT: Certificate course on Preparation and analysis of perfume

DATE: 14/02/2022 to 18/02/2022

VENUE: III B.Sc Chemistry

Department of Chemistry conducted **30 hour certificate course** on **PREPARATION AND ANALYSIS OF PERFUME** for UG final year students from **14/02/2022 to 18/02/2022.51 students** from III B.Sc chemistry has actively participated and they were offered a comprehensive blend of theoretical knowledge and practical skills essential for a career in the fragrance industry. Participants gained a deep understanding of perfume formulation techniques, analytical methods, and quality control measures, empowering them to excel in this specialized field. Overall, the course provided a solid foundation for anyone aspiring to pursue a career as a perfumer, fragrance evaluator, quality control analyst, or product development specialist in the perfume industry. Ms.J.Thilagavathi and Ms.J.Lekha has successfully imparted knowledge about perfume analysis to students in a successful manner.

NATIONAL WEBINAR

TOPIC OF THE EVENT: Discovery of Drugs & Pharmogenomics

DATE: 22 October, 2021.

VENUE: Seminar hall

The Department of Chemistry conducted a one-day National Webinar featuring Dr. M. F. Valan, Assistant Professor & Research Supervisor from Loyola College, Chennai, as the resource person. Approximately 150 students participated and gained knowledge during the event.

INDUSTRIAL VISIT

TOPIC OF THE EVENT: Industrial visit to Vanitech

DATE: 19 February, 2021

VENUE: Vanitech, Vaniyambadi

Department of Chemistry arranged an industrial visit to Vani Tech , Vaniyambadi in which 32 students from III B.Sc Chemistry on 19.02.2021 where the students learned so many different types of water purification methods using Zero liquid discharge (ZLD) which explained by the staff members of Vanitech, New Town, Vaniyambadi. Ms.J.Thilagavathi, and Ms.J.Lekha accompanied our students to coordinate in the successful manner.

2019-2020

INTERNATIONAL CONFERENCE

TOPIC OF THE EVENT: Impact of Chemistry in Real Life

DATE: 17 December, 2020

VENUE: Seminar Hall

Department of Chemistry, organized one day International Conference, 68 attendees from various institutions participated and got benefitted. Resource person's Mr. Nazrurullah Khan, Khansoft Malaysia, DR S Raja Mohammed Kamil, HOD of chemistry and Vice



principal, Islamiah collage (Autonomous), M. Valarmathi, Former RJD, Vellore & principal KMG college, Gudiyattam. The program was concluded by distributing certificates to the participants.