**ANNUAL REPORT 2023 - 2024**

**New appointments**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Department | Total vacancy | Total appointed | Male | Female |
| CHEMISTRY  | 5 | 5 guest faculty |  | 5 |

 **New Programmes:** Nil

**New Certificate courses**

 **Innovations in teaching & learning:** ICT, Model Making, Peer teaching

**New Infrastructure/Facilities/Instruments**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | Infrastructure | Purpose | Photo |
| 1 | NIL |  |  |

**Collaborations / MoUs**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | Collaboration / MoU | Purpose | Department |
| 1. | St. Pauls College Kalamassery | Project Consultancy | Chemistry |

**Extension activities**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl. No. | Date | Activity | Department |  Total students participated |
| 1 | 31/08/2023 | **Lab visit by students: School** Students from TocH and Vidyodaya school visited our lab :<https://docs.google.com/document/d/1wYFmxOC-ygJ02LyYurV97g4S4NRrwa_h/edit?usp=sharing&ouid=104132161158087860776&rtpof=true&sd=true> | CHEMISTRY | 30 |
| 2 | 27/10/2023 | **Study tour to KULU MANALI : third year degree students**<https://drive.google.com/file/d/1GJXmQHwBl7QpKE96IH3nt8aW4D5yR_EP/view?usp=sharing> | CHEMISTRY | 16 |
| 3 | 14/08/2023 | **Inter school quiz competition-**<https://drive.google.com/file/d/1BE-PewdsB44Q1AioGNojDUtr6u_PDdaE/view?usp=sharing> | CHEMISTRY | 30 |
| 4 | 27/10/2023 | **EYE CAMP**<https://drive.google.com/file/d/1vdymLrAmyhuqVUYoT-2lqwL061KHXcCX/view?usp=sharing><https://drive.google.com/file/d/1wWwjFUBEIvrh03bS5jwE9lGHBhZxJ39W/view?usp=sharing> | CHEMISTRY | 250 |
| 5 | 13/11/2023 | **TRIP TO WONDERLA**<https://drive.google.com/file/d/1GZwysvm2NbiVi5FmDs_9U28NJwIM3Ciq/view?usp=sharing><https://drive.google.com/file/d/1GgEsuuJasOd7fIHi1p6QX-y8aRFGnWEc/view?usp=sharing> | CHEMISTRY | 9 |
|  | 15/09/63 & 16/02/2024 | **Food packet donation- as part of Annam project**<https://drive.google.com/drive/folders/1-9ZqD4V82BR1S2V3-nvTKkSMZUCnuSee?usp=drive_link> | CHEMISTRY | 50 |
|  | 02/12/2023 | **Gifted children programme 2023-24:****A class on “Forensic Chemistry:Unveiling the science behind movies” by Ms Sheneya Festus**<https://drive.google.com/drive/folders/1CL6KP0w1ce3XakirVEnXoC90M3h-3NCw?usp=sharing> | Chemistry  | 45 |

**Seminars / Workshops**

FACULTY DEVELOPMENT COURSES/ PROGRAMMES ATTENDED BY TEACHING FACULTY

**Awards recognitions received**

**(Departmental, Institutional, Staff and Students )**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | Award / Recognition | Purpose | Photo |
| 1 | **URF world records**  |  **Prepared 600 ‘XAV CARE’ herbal soaps of  60 different herbal extracts** | [**https://drive.google.com/file/d/1Nuc8c7Uu6e1JGGBGBuMG\_70Oz-Eomm-\_/view?usp=sharing**](https://drive.google.com/file/d/1Nuc8c7Uu6e1JGGBGBuMG_70Oz-Eomm-_/view?usp=sharing) |
| 2 | **URF world records** | **Prepared 600  healthy natural laddus from 60 different items** | [**https://drive.google.com/file/d/1NqCK6C3TFPplgBK1E-G\_LyfMUTxIMTTy/view?usp=sharing**](https://drive.google.com/file/d/1NqCK6C3TFPplgBK1E-G_LyfMUTxIMTTy/view?usp=sharing) |
| 3. |  **MGU Research Guide** | **Dr Sr Stella K A got recognition as MGU Research Guide** | [**https://drive.google.com/drive/folders/1a-Mke6JfL4fzPRx4uCLiA\_lalCWXtKjv?usp=drive\_link**](https://drive.google.com/drive/folders/1a-Mke6JfL4fzPRx4uCLiA_lalCWXtKjv?usp=drive_link) |
| 5. | First rank in MG University BEd examination  | Ms Mariya Joy Guest faculty, Dept of Chemistry has secured first rank in MG University BEd examination  | :<https://drive.google.com/file/d/19aYYz5TA6NcIDZ5u5_vtGdADmJnHYdGc/view?usp=sharing> |
| 6. | Anu Awareness Program 2023”  | I BSc Chemistry students (Devinandhana C SAnn Mariya K SFathima Nazrin E L) secured second prize in Quiz competition conducted by IREL(Indian Rare Earth Limited) in connection with “Anu Awareness Program 2023”  | <https://drive.google.com/file/d/1AxnZ9VgFEfok9KAtRPDcTda0T7TjFN0L/view?usp=sharing> |
| 7. | Caroms Competition | Aneeta and shahmagot first place in this competiition . | <https://drive.google.com/file/d/1-CuMYgPEhN8VvsjBePSkwoksqvQ4DB0C/view?usp=sharing> |
| 8. | Recitation | Keziah of integrated batch got second place | <https://drive.google.com/file/d/1693korACPbvkgFGsTs_rXKUBkGgS8bz_/view?usp=sharing> |
| 9. | Intercollegiate Forensic science quiz competition | Neeraja and aparna got first place . | <https://drive.google.com/file/d/16Ogm4UOenshVwxTlRvVubRteXcCcPcgO/view?usp=sharing> |
| 10. | Rank holders | Feba George and Merin Joyce secured 2nd and 5th rank | <https://drive.google.com/file/d/1CNHd4bibgHdaWTxXA2p2_k_5YYqL4swm/view?usp=sharing> |

**RANK HOLDERS**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | NAME OF THE STUDENT | EXAM | RANK |
| 1 | Feba George T,  | B.Sc Chemistry |  2<https://drive.google.com/drive/u/0/folders/1bQgYHWlFibvp6vTFywORi79R0MMJEI9t> |
| 2 | Merin Joice | B.Sc Chemistry |  5<https://drive.google.com/drive/u/0/folders/1bQgYHWlFibvp6vTFywORi79R0MMJEI9t> |

**Celebrations / days of observance**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | Activity | Date | Photo |
| 1 | World sight day observance- Eye camp | 27/10/2023 | <https://drive.google.com/file/d/1vdymLrAmyhuqVUYoT-2lqwL061KHXcCX/view?usp=sharing> |
| 2 | Forensic Week | 18/92023 | <https://drive.google.com/file/d/17eEU9lj2ACQlFcn6qhUVPq3T3lDcSFgs/view?usp=sharing> |
| 3 | Hiroshima nagasaki day -Inter school quiz competition | 14/8/2023 | <https://drive.google.com/file/d/1BE-PewdsB44Q1AioGNojDUtr6u_PDdaE/view?usp=sharing> |

**Dignitaries visited**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl. No. | Dignitary | Purpose | Photo | Department |
| 1 | Dr.Revathy Hariharakrishnan | Women’s Conclave in Science | <https://drive.google.com/drive/folders/1mnQ6Wj1MfTuDk3KvWawZn08RkWF-vEJE?usp=drive_link> | CHEMISTRY |
| 2 | Dr. Habeeb Muhammed M. A. | "CURIUM: Chemistry Association" inauguration | :<https://drive.google.com/file/d/1hJJsbRpuf-t7fGfWPuaZ8PbmWQ4Hq5Ex/view?usp=sharing> | CHEMISTRY |
| 3 | Dr. Reject Paul | Class on Forensic Science | <https://drive.google.com/file/d/17eEU9lj2ACQlFcn6qhUVPq3T3lDcSFgs/view?usp=sharing> | CHEMISTRY |
| 4 | Dr. Seena M. Mathai  | Seminar on Supercharge Your Productivity | <https://drive.google.com/drive/folders/15W0u6p6FJLMBzfbgfHClQhKLNTBuvfIU?usp=drive_link> | CHEMISTRY |
| 1 | Ms. Sreekala M(Assistant ProfessorDepartment of Computer ScienceVimala College (Autonomous),Thrissur) | AI WORKSHOPEMPOWERINGFACULTY WITH AITOOLS: REVOLUTIONIZINGTHETEACHINGLANDSCAPE | <https://drive.google.com/file/d/18Qjfj6M1lUZEa69WFiBo0MeLHR9npr8d/view?usp=sharing> | CHEMISTRY |
| 3 | Ms Keerthi K K | A talk byIAS Asprirant |  <https://drive.google.com/file/d/1GDxU5GhkOo8O8_joM0jowXzPEHwSrYvo/view?usp=sharing> | CHEMISTRY |

DEPARTMENT ACTIVITIES

**GYANOTSAV -Exhibition**

**ALCHEMIO**

**Chimie Magic**

1. Chimie Magic" was a captivating and educational event that unfolded as a pivotal component of the college exhibition, held from January 10th to 12th, 2024. Organized by the dedicated students of the Chemistry Department, this event aimed to showcase the enchanting world of chemistry through a series of captivating experiments and demonstrations. The event took place in the college's well-equipped laboratory of chemistry department.The event not only celebrated the beauty of science but also inspired a new generation of aspiring scientists and innovators.

Photo:

**Mummified Enigma**

1. The "Mummified Enigma" event, held as part of the college exhibition on January 10th, 11th, and 12th, 2024, was a captivating showcase organized by the Chemistry Department under the guidance of the Head of Department, Sheneya Festus. This unique and intriguing event aimed to explore the fascinating intersection of chemistry, history, and forensic science, providing an engaging experience for both participants and visitors.Participants had the opportunity to witness and learn about the chemical processes involved in ancient mummification practices. The setup showcased the preservation techniques used by different cultures throughout history.

Photos:[**mummification**](https://drive.google.com/file/d/1Njk9X0kuAmql3S1ZH18sRdNd5ea08bIy/view?usp=sharing)

**Crime Scene Investigation**

1. The Crime Scene Investigation (CSI) Competition held as part of the college exhibition brought an immersive and educational experience to the students of the chemistry department. Under the guidance of HOD Sheneya Festus, the event unfolded on January 10, 11, and 12, 2024, captivating participants and spectators alike.A realistic crime scene was meticulously arranged, providing participants with a hands-on experience in forensic investigation.Various crime scene elements, including staged clues, were strategically placed to challenge the analytical skills of the participants.Teams of participants, comprising students from the chemistry department, were tasked with unraveling the mystery behind the staged crime

**Photo**

**:**[**https://drive.google.com/file/d/1Np1j1dVBg4BJ-nATLVOxs8vGNO67-7Xg/view?usp=sharing**](https://drive.google.com/file/d/1Np1j1dVBg4BJ-nATLVOxs8vGNO67-7Xg/view?usp=sharing)

**URF world records**

 **Prepared 600 ‘XAV CARE’ herbal soaps of 60 different herbal extracts**

[**https://drive.google.com/file/d/1Nuc8c7Uu6e1JGGBGBuMG\_70Oz-Eomm-\_/view?usp=sharing**](https://drive.google.com/file/d/1Nuc8c7Uu6e1JGGBGBuMG_70Oz-Eomm-_/view?usp=sharing)

DEPARTMENT ACTIVITIES

**Extension activities**

* **Lab visit by students:**

 Students from TocH and Vidyodaya school visited our lab which can inspire students to pursue careers in science and technology.

* **Inter school quiz competition-**

As a part of Hiroshima and nagasakhi day celebration inter school quiz competition was conducted.

* **Eye Camp**

 In Association with Kochi eye care centre a camp was organised

* **Study tour**

 A trip to Wonderla by IPG students and Kulu Manali by III DC students were organised

* **Food packet donation**

 Food packet donation- as part of Annam project, more than 50 packets were collected and distributed.

* **Gifted children programme 2023-24:**

 A class on “Forensic Chemistry:Unveiling the science behind movies was organised for school students

* Gyanostsav Events organised

Mummified enigma,Chimi Magic and Crime Scene Investigation were organised for public .

**Awards recognitions received**

* **URF world records** Prepared 600 ‘XAV CARE’ herbal soaps of  60 different herbal extracts and 600  healthy natural laddus from 60 different items .
* **MGU Research Guide**

 Dr Sr Stella K A got recognition as MGU Research Guide

* **First rank in MGU BEd exam**

 Ms Mariya Joy , Guest faculty has secured first rank in MGU BEd exam .

* **Anu Awareness Program 2023”**

I BSc Chemistry students (Devinandhana C S, Ann Mariya K S

Fathima Nazrin E L) secured second prize in Quiz competition conducted by IREL(Indian Rare Earth Limited) in connection with “Anu Awareness Program 2023”

* **Caroms Competition**

Aneeta and shahma got first place in the caroms competition (interdepartmental).

* **Recitation**

 Keziah of Ist yr IPG got second place for recitation(interdepartmental). .

* **Intercollegiate Forensic science quiz competition**

 Neeraja and Aparna got first place for Intercollegiate Forensic science quiz competition .

* **Rank holders**

 Feba George and Merin Joyce secured 2nd and 5th rank for B Sc Chemistry Model 1 examination 2023.

**celebrations / days of observance**

* **World sight day observance- Eye camp**

 A camp was organised in association with Kochi eye care hospital

* **Forensic Week**

 Forensic week was celebrated by conducting quiz , seminars and other intercollegiate competitions.

* **Hiroshima nagasaki day -Inter school quiz competition**

 Quiz was organised as a part of Hiroshima and nagasaki day cdelebration

**Dignitaries visited**

**1.Dr.Revathy Hariharakrishnan**

**(Group Director,VSSC , ISRO & Team member of Chandrayan 3 mission**

 A talk on Women’s Conclave in Science was organized

**2.Dr. Habeeb Muhammed M. A.**

A a part of CURIUM: Chemistry Association" inauguration a seminar was conducted

**3. Dr. Reject Paul**

 As a part of Forensic week celebration Class on Forensic Science

**4. Dr. Seena M. Mathai**

**(Assistant professor .Dept. Of Psychology ,U C college ,Aluva)**

 Seminar on Supercharge Your Productivity

**5.Ms. Sreekala M**

**(Assistant Professor Department of Computer Science Vimala College (Autonomous), Thrissur)**

AI WORKSHOP EMPOWERINGFACULTY WITH AITOOLS: REVOLUTIONIZINGTHETEACHING LANDSCAPE

**6.Ms Keerthi K K(Alumni)**

A talk by IAS Asprirant was organised to inspire the students.