## Department of Chemistry Sao Chang College: Tuensang, Nagaland

Annual report for the academic year June 2023 - May 2024

| Plan of action   | Action taken report  |  |  |
|--|--|--|--|
| To continue with chemistry week during the month of September 2023   | Chemistry week could not be conducted due to time constraint. Instead, a workshop on herbal lip balm and soap making was conducted.  |  |  |
| To conduct Summer project during summer Vacation   | Summer project successfully conducted:  1. Extension service at Noklak High School.  2.Extension service at GMS Chingmei Village  3. Collected tea waste and converted into manure |  |  |
| To Commemorate Science Day with other Science Departments, Feb 2023  | Science Day commemorated.  |  |  |
| To continue with the process for installation of exhaust Fan and Fire Extinguisher in the chemistry Lab.   | Exhaust Fan installed with the aid from RUSA.  |  |  |
| A 3-year project for Virtual Lab will commence from the present academic year.   | Process initiated.   |  |  |
| Project Zero in collaboration EVS<br>Department  | Project carried forward to next academic year. Tentative month: June 2024  |  |  |
| To come up with some mechanism for waste disposal method – Will ask for some finance from either authority/IQAC and Composting pit will be constructed and maintained along with other science departments | Project carried forward to next academic year (June 2024 -May 2025).   |  |  |

## Other activities:

- World Environment Day on 5<sup>th</sup> June 2023 commemorated along with other Botany and Maths Department.
- Science Department field trip to farmers information centre Angangba on 9<sup>th</sup> September 2023.
- 3. Extension service to NAP school on 9th April 2024.

(Dr. Aola Supong)

Assistant Professor & HoD

Department of Chemistry, SCC.

## FUTURE PLAN OF ACTION FOR THE ACADEMIC YEAR JUNE 2024 TO MAY 2025

The Department of Chemistry has proposed the following action plans for the academic year June 2024-May 2025 during the Departmental meeting held at the Science Faculty room on 11th June 2024.

- 1. To continue with chemistry week during the month of **September 2024** (Activities related to the theme "Fun with Chemistry".
  - Activity 1: Cartoon with a message(Competition)
  - Activity 2: Animated video using plotagon story (Competition)
  - Activity 3: Testing adulteration of Food (Hands-on experiment)
  - Activity 4: Lets make Sanitizers (Hands-on experiment)
- To conduct Summer project during summer vacation- Collection of medicinal herbs, and a Herbal Chemistry Haven will be set up to maintain and study these plants. (July 2024)
- 3. Extension Program on "Mobile Laboratory" to nearby schools. With an objective to promote the scientific thinking among students and to develop the interest of exploring the world and science behind it. The students will perform basic chemistry experiments for High school students (School/Schools with 0% pass percentage) in 2024 HSLC exam. (February 2025)
- 4. Project Zero in collaboration EVS Department (June 2024)
- 5. To construct composting pit.
- 6. To Commemorate Science Day with other Science Departments (Feb 2023)
- 7. Science Department field trip (October 2024)

## Proposed budget:

| Sl. No  | Activity                                | Amount                                 | Remarks   |
|---------|---|--|---|
| 1.      | Chemistry week                          | Rs. 5000                               | Prize money plus other miscellaneous            |
| 2.      | Herbal Chemistry Haven                  | Rs. 3000                               | Procurement of Pots                             |
| 3.      | Composting pit                          | Rs. 2000<br>(Added to physics)         | For procuring composting bin                    |
| 4.      | Extension service (Science Departments) | Rs. 1000<br>(Added to Physics)         | In collaboration with other Science Departments |
| 5.      | Field trip (Science<br>Departments)     | Rs. 3000<br>(Added to Physics)         | In collaboration with other science departments |
| 6.      | Department Maintenance                  | Rs. 10000                              |   |
| Total R |   | Rs. \$3000 (Twenty Four Thousand Only) |   |
| *       | Extension service (Chemistry)           | -                                      | Transportation required                         |

(Dr. Aola Supong)

Assistant Professor & HoD

Department of Chemistry, SCC.