

Annexure – 1

Report of the Departmental Field Trip to Umbir in Ri-Bhoi District, Meghalaya

The Department of Biochemistry, Lady Keane College, Shillong undertook a **field trip** for the 12 students from the BSc 6th Semester accompanied by the faculty members of the department to **Umbir in Ri-Bhoi District**, Meghalaya on **20th May 2024**.

The objective of the field trip was to provide the students an experiential learning of amalgamating field-based work with laboratory-based experiments. For which the students collected the plant *Gynura crepidioides* from the site and subsequently took it to the laboratory; and in the laboratory performed the experiment for isolating and estimating the **chlorophyll content** in the **leaves** from the plant collected. **Chlorophylls** are basically plant pigments which give plants their green colour and at the same time are involved in the process of photosynthesis.

Greens are important source of protective foods which are highly beneficial for the maintenance of good health and prevention of diseases; and in the case of *Gynura crepidioides*, the leaves of this plant is used for the treatment of indigestion.



Scientific name: *Gynura crepidioides*

Kingdom: Plantae

Family: Asteraceae

Class: Equisetopsida

Order: Asterales

Genus: *Gynura*

Species: *crepidioides*

Common name: Thickhead weed



Photo - The 6th Semester students with the faculty members of the department

LIST OF PARTICIPANTS

| Sl. No. | NAMES | DESIGNATION |
|----------------|--|---|
| 1. | ALICE DEVI MAHARABAM | BSc 6 th Semester Biochemistry (Hons) [Student] |
| 2. | CHIBAME N MARAK | -do- |
| 3. | D. BADARISA LYNGKHOI | -do- |
| 4. | FELICITY KHARWAR | -do- |
| 5. | NAMARJONGPHI LATHONG | -do- |
| 6. | NINGTHEMCHANU EBEMSANA | -do- |
| 7. | NISSAD FOUZIA | -do- |
| 8. | POOJA KUMARI | -do- |
| 9. | RAJKUMARI TINA DEVI | -do- |
| 10. | SAILIN DKHAR | -do- |
| 11. | SHIMTI MARY JANA NONGBET | -do- |
| 12. | URGEN LHAMU | -do- |
| 13. | DR. GARETH GORDON SYNGAI | Teaching Faculty |
| 14. | MRS. MANBHA CHALLAM | Teaching Faculty |
| 15. | MRS. HUNHAMESHISHA MAWROH | Teaching Faculty |
| 16. | DR. DANIEL NONGBRI | Teaching Faculty |
| 17. | DR. (MRS.) STEPHANIE PAULA BASAIWMOIT | Teaching Faculty |
| 18. | MR. DHAN BAHADUR LAMA | Laboratory Assistant |

Expenditure incurred on the programme = Rs 9,000.00