

## ONE DAY NATIONAL WORKSHOP

on

### “MODERN TECHNIQUES IN HERBARIUM METHODOLOGY

10<sup>th</sup> AUGUST 2023

**Session -1 Inaugural Session :** Department of Botany and Horticulture conducted One day National Workshop on Modern Techniques in Herbarium Methodology on 10.08.2023. The Programme started with the Inaugural session and all the distinguished Guests, the president of the event, Dr.V.Anantha Lakshmi, Principal, A.S.D.Govt.Degree College for Women(A), Vice president Ms.M.Suvarchala, Vice-principal of the college, the chief guest of the session, Mr.Dr.J.V.Sudhakar, Assistant Professor, Dr.SRK Govt Arts College,Yanam, IQAC Coordinator Ms.M.Vasantha Lakshmi, Incharge of Zoology Department, Academic Coordinator Dr..K.Lavanya, Lecturer in Homescience, Controller of Examinations Ms.K.Yamuna, Lecturer in Economics are invited to the dias and presented Saplings. The Inaugural session started with the prayer song by the first year students and Lightning of lamp by distinguished dignitaries.

The Convenor of the Seminar Ms.K.N.V.S.N.Eswari Welcomed all the Participants to the National Workshop. The President of the function, Dr.V.Anantha Lakshmi, Principal of this college, gave her opening remarks and congratulated the Department of Botany and Horticulture for their efforts on Organizing One Day National level Workshop. The Vice-Principal of the college Ms. M.Suvarchala, explained the need of Learning Herbarium Technology and their uses to the students. Dr.M.Sulakshana, organising secretary of the Workshop introduced the Chief Guest.

**Session -2 Introduction to Herbarium and collection:** The second session started by the Resourse Person Dr.J.V.Sudhakar. The main important things he explained are:

A herbarium (plural herbaria) is a storehouse of dried plant specimens collected from far and wide, mounted on appropriate sheets, arranged according to some known system of classification and kept in pigeonholes of steel or wooden cup-boards and are generally associated with botanic gardens and educational or research organizations.

#### OBJECTIVES OF HERBARIUM

- To provide facilities for determination of any material including new taxa.
- To enable preparation of new monographs and floras.
- To preserve specimens of historic importance.
- To assemble data for working out ranges and ecological distribution.
- To bring together in a relatively permanent form of specimens for comparative morphological or phylogenetic studies and
- To provide material for specific research as in plant anatomy, palynology and ethnobotany and also for molecular research.

Lunch Break is given after the Technical session

### Session :3 Herbarium Processing Techniques

#### Steps in Herbarium Methodology:

- |                      |                                 |
|----------------------|---------------------------------|
| 1. Collection        | 6. Labeling                     |
| 2. Poisoning         | 7. Identification/Determination |
| 3. Pressing & Drying | 8. Accessioning                 |
| 4. Mounting          | 9. Indexing                     |
| 5. Stitching         | 10. Incorporation               |

#### Functions of Herbarium

1. Herbarium is a conservatory of **material** and **data**.
2. It serve as a guide for **identification of plants**.
3. Large herbaria have collections from far and wide, and thus, provide at one place, basic material for study of flora and vegetation of different places or regions.
4. The labels on herbarium sheets provide data for botanical, ethnobotanical and phytogeographical studies. So, it serves a '**databank of plants**'.
5. It is a repository of pollen and seed samples.

#### Session 4 : Valedictory session

- ❖ **Opening Remarks:** The valedictory session,commenced after the completion of all technical sessions.Dr.V.Anantha Lakshmi, Principal gave her opening remarks. She exalted the Department of Botany and Horticulture for the wonderful organization of One-Day National workshop and encouraged the students to participate in a great number of workshops or seminars to empower themselves and gain in-depth knowledge.
- ❖ **Seminar Report:** Dr.M.Sulakshana,Lecturer in Dept of Botany, briefed the report of the One Day National workshop to the Participants.Nearly 160 students and faculty from different colleges participated in the workshop.
- ❖ **From Resource Person:** The eminent speakers of the National workshop is overwhelmed with joy for the active response of the students and all of them shared their views and encouraged students to go for higher studies and directed them to pursue research
- ❖ **Feedback of Participants:** Faculties and Students from colleges gave their feedback on this workshop.Students gained knowledge about Herbarium processing and its importance.
- ❖ **Certificates Disribution:** The distribution of certificates took place and first the faculty received their certificates from the resouce person,followed bystudents of by Principal madam and Resource person.

**Vote of Thanks:** N.Pushpa,lecturer in Botany proposed vote of thanks for the session and finally the program was concluded with the National Anthem.



Welcome address by Ms. K.N.V.S.N.Eswari,  
Convenor of Workshop



Students taking part in Hands on Training



Felicitation to Chief Guest Dr. J.V.Sudhakar



160 Participants attended the National Workshop