



Two Days Workshop On
Hands-on Training on
Methods of Sampling Plant Communities
&
Techniques of Herbarium Specimen Preparation

Date: 22nd & 23rd November, 2023

Organised By
Department of Botany
Holy Cross College, Agartala
Accredited by NAAC with A+ Grade (Cycle:02)

Resource Person

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Senior Research Scholar
UGC-NET (Environmental Sciences), SLET (Environmental Sciences)
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Concept Note:

Understanding and documenting plant communities is crucial for ecological research, biodiversity conservation, and sustainable resource management. This hands-on training program aims to provide participants with practical skills in sampling plant communities and preparing herbarium specimens. The training will blend theoretical knowledge with practical field and lab exercises, ensuring a comprehensive learning experience. This training program aims to bridge the gap between theoretical knowledge and practical skills, empowering participants to contribute meaningfully to plant ecology and biodiversity research.

THEMATICS

#Day 1- Techniques of Herbarium Specimens Preparation

- To explore the purpose of botanical collections, including specimen identification, herbarium establishment, preservation for future studies, species description writing and genus/species research.
- To understand the significance of preparing herbarium specimens for scientific endeavours.
- Hands-on training to identify specimens up to the species level.
- Learning the steps involved in building and maintaining a herbarium for research and reference.

#Day 2- Methods of Sampling Plant Communities

- Understanding the fundamental methods for field sampling in ecological studies.
- To explore diverse techniques employed by ecologists for sampling ecological parameters.
- To focus on plant community sampling, emphasizing species composition, relative abundance, biomass, and relevance.
- Gaining insights into ecosystem and community structures through sampled data.
- Learn to estimate productivity, a functional measure, by analyzing biomass changes over time.

Outcome of the Workshop: By the end of the training, participants will have acquired practical skills in sampling plant communities and preparing herbarium specimens. They will also gain a deeper understanding of the ecological processes influencing plant distribution and diversity.

Venue: Holy Cross College, Agartala

Registration Fee: Rs. 100/-

REGISTRATION LINK:

<https://forms.gle/6K3swp1Lpb4W8Vde6>

REGISTRATION DEADLINE:

21st November 2023, up to 12: 00 Noon

Registration Fee to be paid to
HOLY CROSS COLLEGE
Federal Bank, Agartala Branch
A/c No.- 19650100000992
IFSC- FDRL0001965
UPI: holycrossclg@fbl



Click Here to
Register

Organizing Committee:

Convener: Dr. Debasree Lodh, HOD & Assistant Professor,
Department of Botany, Holy Cross College, Agartala

Members:

Dr. Dipanwita Chaudhuri Sil, Assistant Professor,
Department of Botany, Holy Cross College, Agartala

Dr. Somnath Kar, Assistant Professor,
Department of Botany, Holy Cross College, Agartala

Dr. Sudipta Sinha, Assistant Professor,
Department of Botany, Holy Cross College, Agartala

#NOTE- e-Certificate will be given after successful completion of the workshop.

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