

FATIMA MATA NATIONAL COLLEGE

AUTONOMOUS

(Reaccredited with 'A' Grade by NAAC)

Affiliated to University of Kerala



2.3.1 Herbarium

IQAC INTERNAL QUALITY ASSURANCE CELL

HERBARIUM

The Herbarium of Fatima Mata National College (FMNC) is likely to be a collection of preserved plant specimens that serve as a valuable resource for botanical research and education. Herbariums are essential repositories of plant specimens, providing a wealth of information on plant diversity, distribution, and characteristics.

Here are some key features and functions of the Herbarium of FMNC:

1. **Specimen Collection:** The herbarium houses a collection of dried, pressed, and mounted plant specimens. These specimens are typically collected from various regions and represent different plant species found in the local and regional flora.
2. **Plant Identification:** The herbarium acts as a reference library for plant identification. Researchers, students, and botanists can compare unknown plants with the authenticated specimens in the collection to identify and classify plant species accurately.
3. **Research and Education:** The herbarium supports botanical research and education at FMNC. Faculty, students, and research scholars can use the specimens for studies related to taxonomy, plant ecology, biogeography, and other botanical disciplines.
4. **Documentation of Plant Diversity:** By preserving plant specimens, the herbarium contributes to the documentation and conservation of regional plant diversity. It helps in recording the flora of specific areas, including rare and endangered species.
5. **Collaboration and Exchange:** Herbariums often collaborate with other institutions and participate in specimen exchange programs. This allows them to expand their collections, access a broader range of plant species, and contribute to global biodiversity databases.
6. **Digitization:** FMNC herbarium is digitizing their collections. Digital records and images of specimens are stored in databases, making them accessible online to

researchers worldwide.

7. **Public Outreach:** The herbarium may also engage in public outreach programs, hosting workshops, seminars, and exhibitions to raise awareness about plant diversity and conservation.



Fig: Students Observing herbarium specimens