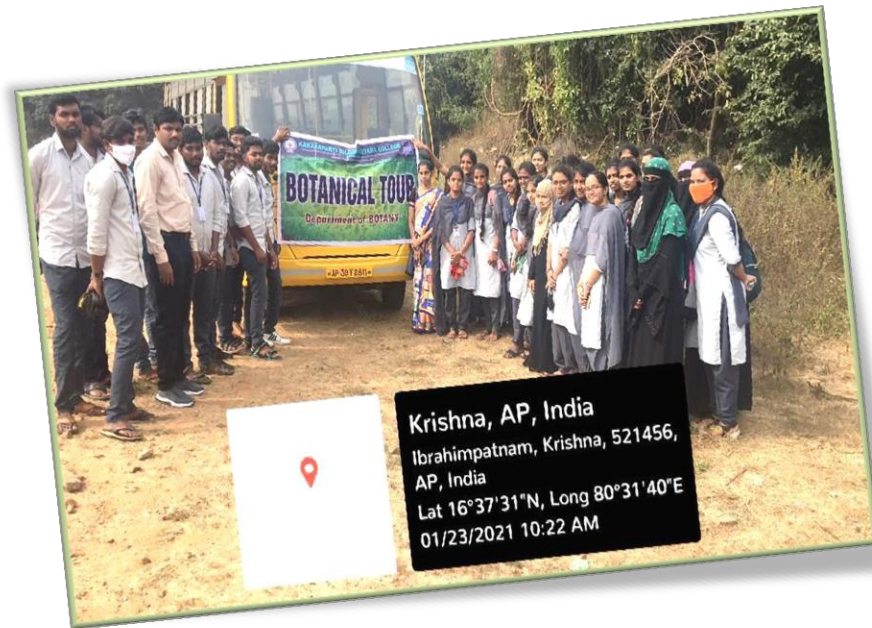


Field Trip to  
“Kondapalli Forest”  
Department of Botany  
23<sup>rd</sup> January, 2021



**Department of Botany Staff & II B.Sc. (CBZ) Students at college campus with  
Administrative Co-ordinator Sri Y. Ravi Babu**



**Staff & II B.Sc. (CBZ) Students at Kondapalli Forest, Ibrahimpattam**



**Dr. G. Kranthi Kumar, Head, Dept. of Botany explaining about *Matteuccia struthiopteris***

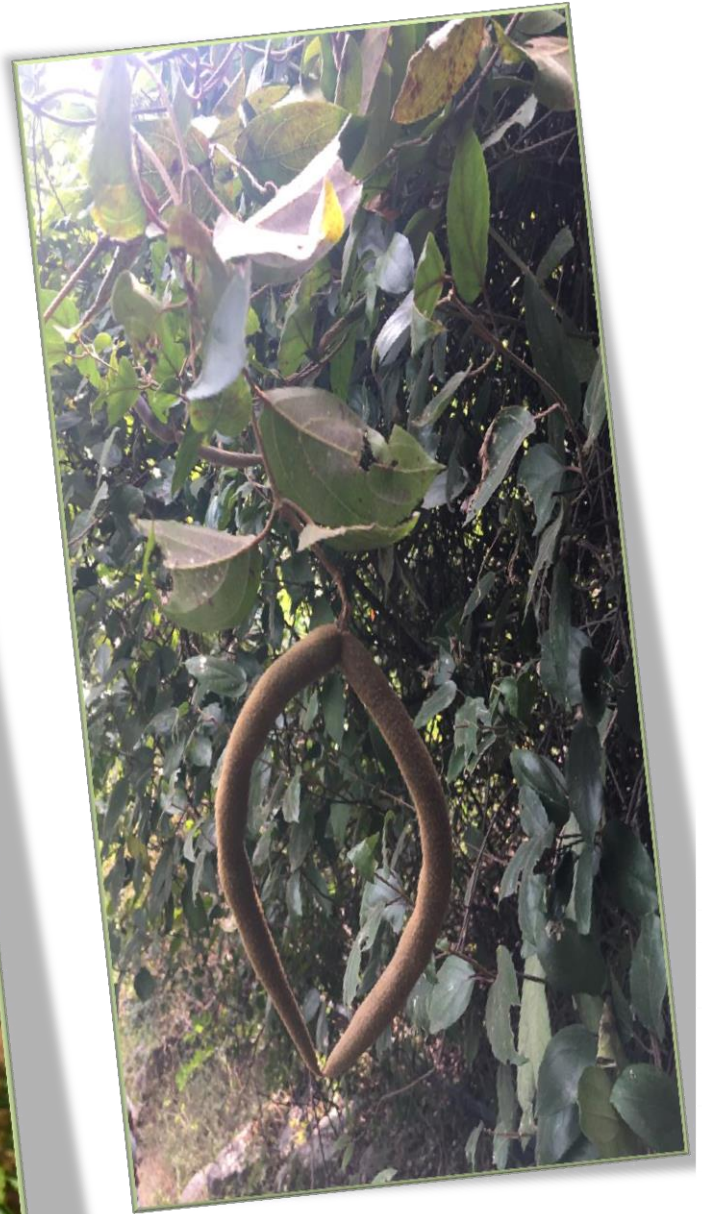


**Ms. J. Bharathi, Lecturer, Dept. of Botany explaining about *Andrographis paniculata***

## Medicinal / Rare Plants at Kondapalli



Ipomoea batatas and Myrtaceae family members





**Field Trip to**  
**“Kondapalli Forest”**  
**Department of Botany**  
**23<sup>rd</sup> January, 2021**

Department of Botany organised botanical tour to Kondapalli forest on 23<sup>rd</sup> January, 2021 with II B.Sc. (CBZ) students. We started in the college at 9:30 am. The Kondapalli forest is located 23.6 km away from Vijayawada. Kondapalli is home to reserve forest one of the last remaining pristine forests in the Krishna district, spread over an area of 30,000 acres (120km<sup>2</sup>). The students group was led by Dr.G. Kranthi kumar, Head, Dept. of Botany and Ms. J. Bharathi Lecturer in Botany.

A preliminary survey of medicinal plants conducted surrounding forest region of Krishna district of Andhra Pradesh; among these abnormality of wild variegated *Andrographis paniculata*, *Givotea moluccana* (thella poniki) are popular. Different views of tropical dry evergreen forest vegetation in the kondapalli reserve forest. A total number of 21 families were recorded. Among them Annonaceae, Cucurbitaceae, Rutaceae, Asclipidaceae, Asteraceae and Poaceae and Lamiacea were studied for the taxonomic purposes.

Some of the important medicinal plants and their uses:

1. *Aerra lanata* : Antibacterial, Anti-inflammatory & Diuretic
2. *Givotia moluccana* : Rheumatism & jaundice
3. *Biophytam sensitivum* : Arthritis
4. *Pavetta indica* : Piles
5. *Cymbopogan* : Digestive tract spasms, high blood pressure
6. *Catharanthus roseas* : Anti-oxidant, Anti-cancerous, muscle pain & Diabetes.

Finally we left Kondapalli at 4:30 pm and reached the college by 6:00 pm.