

## Sree Narayana College, Sivagiri, Varkala

### Department of Botany

### DBT Star College Scheme

#### Visit to Botanic Garden

Department of Botany arranged a study tour for the 6<sup>th</sup> semester Botany students to **Jawaharlal Nehru Tropical Botanic Garden and Research Institute, Palode**, under the **Star Scheme Programme** on 12<sup>th</sup> February 2021. Thirty two students along with two teachers reached the Botanic Garden at 9.00 am. KSCSTE - JNTBGRI is the only organization in India, which maintains a 300 acre conservatory garden for the wild tropical plant genetic resources of the country, besides a multidisciplinary R & D system dealing with conservation, management and sustainable utilization of tropical plant resources. Smt. Chandra Thara guided us through the world of biodiversity. There were separate sections for plants like Bambusetum, Arboretum, Cacti & Succulants, Palmetum, Cycads, Fernery, Glass house, Herbarium, Itti Achuthan Garden, The Fig Garden, Orchard for wild edibles, Medicinal Aromatic Plants, Aquatic plants, Orchids etc.

Some of the plants noticed during the visit were

1. *Diosporusebenum*(karimaram)- Ebenaceae
2. *Browneagrاندiceps* -Fabaceae
3. *Canariumstrictum*(karuthakunthiricum)
4. *Dinocholascandens*-Zigzag bamboo
5. *Dendrocalamusgiganteus*(giant bamboo)
6. *Ochlandra scriptoria* –used for making flute
7. *Artabotrysodoratissimus*(hexapetalous)
8. *Stevia rebandiana*
9. *Woodfordiafruticosa* (tathiri)
10. *Selaginellaerythropus*
11. *Ophioglossumreticulatum*(snake tongue)
12. *Trichopuszeylanicus*(aarogyapacha)
13. *Amherstianobilis*–Fabaceae

14. *Asplenium nidus*– bird’s nest fern

15. *Triphasiatrifolia*– lime berry

It was a wonderful experience for the students to watch the rare and endangered plants and also understand the need for conserving the plants. They can also understand the importance of plants in human life. After the garden visit, students also visited the Herbarium in TBGRI. Students got the opportunity to observe the various type of plants which are preserved in the herbarium. They understood the importance for preserving plants including the rare and endangered ones which in turn help in their proper identification



Glass house



**Bamboo setum**



**Rose Garden**



**Statue of Itti Achuthan**



**Aquatic plants**



**Ferns**



**Students sitting under bougainvillea**