

Dept of Botany - News letter January 2021

1. **6th January 2021: Azolla Inoculation in Paddy fields** – Dept of Botany cultivated Azolla in Green house and harvested for inoculation. Dept of Botany along with I BZC students inoculated Azolla in paddy field of St. Ann's convent, to promote the organic farming, to minimize the use of synthetic fertilizers in the agricultural lands and to reduce the soil pollution,. Principal Dr.Sr.Marietta D'Mello inspired the students by her encouraging words, explained the importance of practicals in Botany and also congratulated the wonderful and skill development activity done by Dept of Botany.
2. **7th January 2021: Organic kitchen garden** – I BZC students cleaned the vegetable plots like Chilli and Brinjal of the organic kitchen garden by removing the weeds and also applied vermi-compost to all the vegetable plots like Chilli, Brinjal, Lady's finger, Tomato and Broad beans. Botany faculty guided the students on usage of vermin-compost explained the importance of organic cultivation techniques.
3. **9th January 2021: Project Viva** – Botany department conducted Project viva to 20 III BZC students on “A Study on preparation of Herbal Medicines- Aswaganda & Triphala churnam at Addatheegala, E.G.Dt,A.P”, “A Study on Ethno-botanical studies in Anigeru tribal area, Addatheegala Mandal, E.G.Dt,A.P”, “A Study on Preparation of the Herbal Medicine – Hingvastika churnam at Addateala, E.G.Dt, A.P.” in Room No – 53, Dr.B.B.R.G.Vijaya Lakshmi, HOD of Botany, Mrs.G.Rani, Ms.B.Asha Latha acted as Internal Project Viva Pannel members.
4. **18th January 2021: Training programme on Preparation of Dravjeevamrutham -** Botany department organized a Training programme on “Preparation of Dravjeevamrutham - Natural manure” and created awareness on the Organic Farming to III B.Z.C Cluster students in Theresian Organic Kitchen Garden in St. Theresa's College For Women (A), Eluru. Mr. Murali Krishna, Secretary of Gosamrakshana Samithi, Eluru acted as resource person. He trained the students about the preparation of Ghana and Dravjeevamruthamu. III B.Z.C students were prepared 200 litres of Dravjeevamrutham. He suggested bio-pesticidal practices of Neem decoction and PL preparations to eliminate pests in Organic Kitchen Garden. 30 students were benefitted from this programme.

5. **22nd January 2021: Azolla as Animal Feed** - III B.Z.C cluster students harvested Azolla and supplied as food supplement to cattle and cows of St. Ann's Convent to increase the milk production. They received the feedback from farmer that milk production has been increased.