

# **B.V RAJU COLLEGE**

**VISHNUPUR, BHIMAVARAM.**

***DEPARTMENT OF LIFE SCIENCES***

**A GREEN MANURE CUM BIOFERTILIZER PRODUCTION**



**VISHNU**  
UNIVERSAL LEARNING



## **AZOLLA – A GREEN MANURE CUM BIOFERTILIZER PRODUCTION**

Department of Lifescience from B.V.Rajucollege initiated the production of Biofertilizer **AZOLLA** in the month of March. Our final year students are involved in this biofertilizer production programme and two of our Department faculty members co-ordinated this.

Azolla is a free-floating fresh water fern. It can fix 40-80 kg Nitrogen/ha/year. Rice crop yield will be increased upto 15-20% while fertilizing the rice with Azolla. It works as a good Green manure.

We initiated the cultivation of Azolla in a small-scale manner. For this case, we have inoculated Azolla mother culture in to plastic trays containing fresh cattle dung mixed with water and lime. These inoculated trays are kept in exposure to light for the growth of Azolla.

