



**A Report on Industrial Tour  
Bio-Fertilizer Unit  
Samalkot**

14/20

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**Department of Biotechnology & Micro biology  
PRGC ( Autonomous) Kakinada**



# Industrial Tour to Bio Fertilizer Unit

## Hosts of the Tour:

**G.P Chakravarthi-** HOD Department of Bio- Technology

**G.N.V Satish-** Lecturer, Department of Bio-Technology

**Ch. Niharika-** Lecturer in Microbiology

Total Number of Participants: 40

## Guides and Instructors

Agricultural Officer : Ms.M.Padmasri

Microbiologist : Ms. Aruna

*Our sincere thanks to the Principal of PRGC “ Mr. BV. Tirupanyam” , the IQAC coordinator, “Mr. P. Hari Rama Prasad” and the academic coordinator “Dr. Chenna Rao” for providing support and assistance.*



The Bio Fertilizer Unit Samalkot, enhances the nutrient availability for plants by producing Bio Organic fertilizers, nitrogen fixers and phosphate solubilizers.

**“To acquire knowledge one must study , but to acquire wisdom one must observe.”**



*Fig 2: The AO of the Bio -Fertilizer Unit is explaining the role of fermenters in Bio- Fertilizer production.*

*Fig : 3; The AO of the Bio -Fertilizer Unit is explaining the importance of Bio Fertilizers in Organic Farming*



Nitrogen Fixers- An explanation



Culturing Metods - Bio Fertilizers Explanation



Orbital Shaking



Fermentor Room



Culture Room

*Fig 4,5 : Explanations*

*Fig 6,7,8: Facilities at the Unit*

The Summary of the Bio- Fertilizer Unit:



Summary

Fig 9 : The Bio Fertilizer Unit Samalkot, produces and markets the above Fertilizers.



"Thanks to the Guides and Instructors for enriching the students with the valuable inputs"

Fig 10 : The Geotagging Picture

The end of an enriching experience:



Thank You  
*Science* IS SIMPLY THE WORD  
WE USE TO DESCRIBE  
A METHOD OF ORGANIZING  
OUR **CURIOSITY**  
- TIM MINCHIN -