



## PREVENT IT CURRICULA @RIPE NGO

**College Name :** Rural Institute for People's Enlightenment Tirupati

**Nature :** Complusary

**Course Name :** Awareness Building on ABR

**N.o of Hours :** 45 Hours

**Teaching faculty :** Dr Muni Ratnam , Mr N Muni Mohan

**No. of students :** 270

**Type :** Modernised

**Course Code:** 003

### Syllabus

Antibiotic resistance and concept of one health:  
Introduction to drug resistant infections

Risk management and prevention of ABR:

- i) General concepts of infection prevention and control practices at individual level
- ii) Concepts on optimum use of Antibiotics



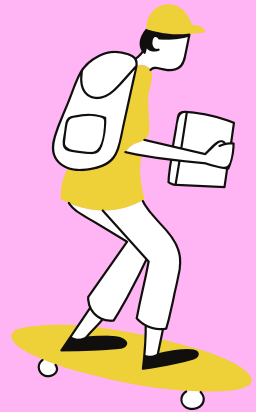
### Teaching Methodology

- Power point presentations
- Lecture
- ChalkBoard Method

### Scope and Objectives

This training course will help to understand the concept of antibiotic resistance and its impact on environment and health along with its prevention and management.

- To introduce the basic concepts of antibiotics and antibiotic resistance
- To understand the trends of ABR at global, national and local level
- To understand the concept of "One health" related to environment and ABR
- To understand the factors affecting antimicrobial resistance, risk management .
- To understand the role of NGOs, School Teachers and Functionaries of Panchayat Raj Institutions in the prevention of antibiotic resistance. .



### Evaluation Pattern

- Quantitative study
- Pre-post tests

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**College Name :** Rural Institute for People's Enlightenment Tirupati

**Nature :** Complusary

**Course Name :** Sensitisation on Antibiotic Resistance: need of the hour

**N.o of Hours :** 45 Hours

**Teaching faculty :** Dr Muni Ratnam , Mr N Muni Mohan

**No. of students :** 270

**Type :** Modernised

**Course Code:** 004

### Syllabus

Introduction to basics terms:

- Health, disease, infection, antibiotics and their use, microorganisms (bacteria, virus, fungi, protozoa), antibiotic resistance, concept of one health, risk management
- Antibiotic resistance and concept of one health: Introduction to drug resistant infections and their spread via agriculture, animal husbandry, food, soil, water and environment.



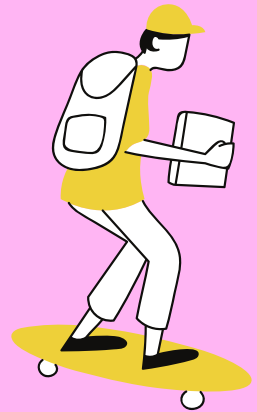
### Teaching Methodology

- Flip Chats Video Clips
- Lecture
- HAndout in Local Language

### Scope and Objectives

This training course will help to understand the concept of antibiotic resistance and its impact on environment and health along with its prevention and management.

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