



**KALINGA INSTITUTE
 OF INDUSTRIAL TECHNOLOGY**
 Deemed to be University U/S 3 of the UGC Act, 1956

PREVENT IT CURRICULA @KIIT

College Name: School of Public Health, KIIT Deemed to be University
Course Name: Awareness on Risk Management & Prevention of ABR
Teaching Faculty: Himanshu Sekhar Pradhan, Dr. Sudhir Kumar Satpathy
Course Program: Post graduation studies & graduation studies in Nursing
Type: New

Nature: Optional
No. of Hours: 32 Hours
No. of Students: 76
Semester: 3rd year Bsc
 1st year Msc
Course Code: MSN1013

SYLLABUS

- ✓ Antibiotics use - Global & National Scenario
- ✓ Introduction to ABR
- ✓ Risks Associates with ABR
- ✓ Management of Risk of ABR
- ✓ Prevention of ABR



TEACHING METHODOLOGY

- ✓ Lecture with PPT
- ✓ Interaction with students
- ✓ Team Based learning
- ✓ Asking questions
- ✓ You tube videos

RECOMMENDED MATERIAL

- ✓ Protocol on Antimicrobial Stewardship in Healthcare Facilities. Ministry of health Malaysia. 2014.
- ✓ Katzung's Basic and clinical Pharmacology, 11th edition
- ✓ HL Sharma and KK Sharma's Principles of Pharmacology, 1st edition
- ✓ KD tripathi's Essentials of Medical Pharmacology, 6th edition



SCOPE AND OBJECTIVES

- ✓ To Understand the Antibiotics use in global and national scenario
- ✓ To understand the concept of Antibiotics Resistance, its burden and various factors responsible for ABR
- ✓ To study various risks associated with ABR - at User; Prescriber; Pharmacy; manufacturer, quackery, easy access to antibiotics; nosocomial infection
- ✓ To understand various risk management and prevention measures on ABR



EVALUATION PATTERN

- ✓ Sessional Tests
- ✓ End Term Examination

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PREVENT IT CURRICULA @KIIT

College Name: School of Public Health, KIIT Deemed to be University
Course Name: Risk Management & Prevention of ABR
Teaching Faculty: Himanshu Sekhar Pradhan, Dr. Sudhir Kumar Satpathy
Course Program: Post Graduation & Doctoral studies in Public Health
Type: New

Nature: Optional
No. of Hours: 36 Hours
No. of Students: 36
Semester: 1st sem PhD /
 3rd sem
 MPH & MHA
Course Code: PE7012

SYLLABUS

- ✓ Antibiotics use - Global & National Scenario
- ✓ Introduction to ABR
- ✓ Surveillance of ABR
- ✓ Understanding the risks associates with ABR
- ✓ Risks management & Prevention measures for ABR



TEACHING METHODOLOGY

- ✓ Lecture with PPT
- ✓ Interaction with students
- ✓ Team Based learning
- ✓ Asking questions
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RECOMMENDED MATERIAL

- ✓ Stefan Scwarz, Lina Maria Cavaco JS, editor. Antimicrobial Resistance in Bacteria from Livestock and Companion Animals. 1 edition. Wiley-Blackwell; 2019
- ✓ Katzung's Basix and cinical Pharmacology, 11th edition
- ✓ HL Sharma and KK Sharma's Principles of Pharmacology, 1st edition
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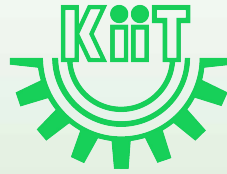
SCOPE AND OBJECTIVES

- ✓ To understand the concept of Antibiotics Resistance, its burden and various factors responsible for ABR
- ✓ To study the surveillance mechanism of ABR
- ✓ To study various risks associates with ABR - use in human, animal, release of antibiotic resides and antibiotics resistance bacteria or genes into the environment
- ✓ To understand various risk management and prevention measures on ABR



EVALUATION PATTERN

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PREVENT IT CURRICULA @KIIT

College Name: School of Public Health, KIIT Deemed to be University
Course Name: Risk Management & Prevention of ABR
Teaching Faculty: Assoc. Prof. Himanshu Sekhar Pradhan
Course Program: Dental Sciences (Internship Students)
Type: New

Nature: Elective
No. of Hours: 18 Hours
No. of Students: 89
Semester: Seventh
Course Code: D EN2022

SYLLABUS

- ✓ Antibiotics use - Global & National Scenario
- ✓ Introduction to ABR
- ✓ Surveillance of ABR
- ✓ Understanding the risks associates with ABR
- ✓ Risks management & Prevention measures for ABR



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