

A PROJECT REPORT
ON

“ANTI-MICROBIAL RESISTANCE”

Submitted for partial fulfillment of the requirement for the
award of Bachelor of Pharmacy



2021-2022

SUPERVISED BY

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SUBMITTED BY

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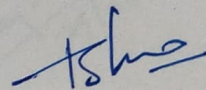
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FORWARDING CERTIFICATE

This is to certify that **MAHERUN NISHA D/o Mr. MUSTAFA** is a student of B. Pharm VIII Semester (FINAL YEAR) in Department of Pharmacy Guru Ghasidas Vishwavidyalaya Bilaspur (CG) has completed her "Final year project report" on "**Anti-microbial resistance**" under guidance of **Dr. HARISH RAJAK** (Asstt. Professor), during academic session 2021-22.

I recommended the report to be forwarded to the Respective examiner for evaluation purpose.

FORWARDED BY



Dr. Bharti Ahirwar
HEAD

Head, Institute of Pharm. Sciences
Guru Ghasidas Vishwavidyalaya,
Bilaspur (C.G.)

DEPARTMENT OF PHARMACY
GURU GHASIDAS VISHWAVIDYALYA, BILASPUR (C.G)

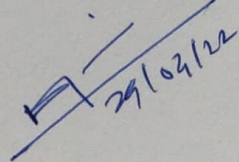
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I hereby forward this project.

FORWARDED BY


29/02/22

(Dr. HARISH RAJAK)

(Assistant professor)

Acknowledgement

I would like to express my special thanks of gratitude to my teacher Dr. Harish Rajak Sir as well as Dr. Bharti Ahirwar (Head of department) who gave me the golden Opportunity to do this wonderful project on the topic "**Anti-microbial Resistance**" in class. Which also helped me in doing a lot of research and I came to know about so many new things. I am really thankful to them. Secondly, I would also like to thank my parents, seniors and friends who have helped me with the invaluable suggestions and guidance.

Maheerun Nisha

Maheerun Nisha

B.Pharm. Sem - VIII

CONTENTS

(Anti-Microbial Resistance)

Summary

1. The Problem: Why tackling AMR is essential

2. We must reduce the demand for Antimicrobial so the current stock of Drugs last longer

Intervention 1: A Global public awareness campaign.

Intervention 2: Improve the sanitation and prevent the spread infection.

Intervention 3: Reduce unnecessary use of antimicrobial in agriculture and their dissemination into the environment.

Intervention 4: Improve global surveillance of drugs resistance and antimicrobial consumption in the humans and animals

Intervention 5 : Promote new ,rapid diagnostics to reduce unnecessary use of antimicrobials.

Intervention 6: Promote development and use of vaccines and alternatives.

Intervention 7: Improve the number, pay and recognition of people working in infectious disease.

We must increase the supply of new antimicrobials effective against drug-resistant bugs

Intervention 8: A global innovation fund for early stage and non-commercial r&d

Intervention 9: Better incentives to promote investment for new drugs and improving existing ones

. How to pay for it: tackling amr is affordable

. Ideas for implementation and next steps

Summary of recommendations