**5TH Seminar on Awareness Program on Microbiology Tools and Techniques.**

SEMINAR REPORT

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| **29/10/2021 to 30/10/2021**  **Department Of Microbiology.**  **Tolani College of Arts and Science.** |

The field of microbiology is continually shaped by advances in diagnostic tools and techniques that enable rapid and accurate identification of pathogens, crucial for effective disease management and public health response. The seminar on Microbiology Diagnosis tools and techniques, hosted by Department of Microbiology, Tolani College of Arts and Science, served as a pivotal forum to explore the latest innovations and applications in this dynamic field. Bringing together esteemed researchers, students and practitioners the seminar provided a platform to discuss the transformative impact of new diagnostic methodologies on clinical practice and biomedical research. Throughout the seminar, emphasis was placed on addressing current challenges in microbiology diagnostics, including the emergence of antimicrobial resistance, the need for rapid point-of-care testing, and the importance of global surveillance networks. By capturing the essence of posters, panel discussions, and participant interactions, this report aims to provide a a comprehensive overview of the state-of-the-art in Microbiology diagnosis tools and techniques.

INTRODUCTION

# About the seminar

With an impressive turnout of 59 students actively participating through poster presentations, this event not only underscored the enthusiasm and dedication of young researchers but also highlighted the critical role of emerging talent in advancing the field. We were joined by esteemed guests:

* Dr. Girin Baxi, Associate Professor, KSKVKU.
* Dr. Bhavin Bhatt, Director Advanced Microlife Laboratory.
* Dr. Archana Upadhyay, Retd. Microbiology Professor, TCAS.
* Mr. Mayur Morabia, Director Mayur Laboratory.

The seminar on Microbiology Diagnosis tools and techniques was organized by Department of Microbiology under the guidance of the following organizers and were joined by:

* Dr. Sushil Dharmani, TCAS,
* Dr. Ritesh Tandel, HOD, Department of Microbiology,
* Dr. Dinesh Kundariya, HOD, Department of Chemistry,
* Dr. Rajesh Thakkar, HOD Department of Mathematics,
* Dr. Kalpesh Sorathia, HOD Department of Botany,
* Dr. Govind Kher, Assistant Professor, Department of Chemistry,
* Ms. Yashika Nalla, Visiting Faculty, Microbiology Department.
* Ms. Jahnvi Padhiar, Visiting Faculty, Microbiology Department.

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| **Invitation** |
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| Visual Data |







