



# NARAYANA PHARMACY COLLEGE

Approved by PCI, AICTE & UGC 2(f) 12b, Affiliated to JNTUA (Ananthapuram)

Chinthareddy Palem, Nellore.

## TRAINING PROGRAMME ON BIOANALYZER

**DATE: 03-4-2024**

**Resource Person**

**Mrs.Sk.Salma**

Associate professor,  
Dept of pharmaceutical chemistry,  
Narayana Pharmacy College, Nellore

### Objectives:

1. Understand the principles of bioanalysis and the role of bioanalyzers in various applications, including nucleic acid and protein analysis.
2. Familiarize participants with the operational features of bioanalyzers, including software interface, hardware components, and setup procedures.
3. Provide hands-on training in sample preparation techniques specific to bioanalysis, including dilution, concentration, and buffer preparation.

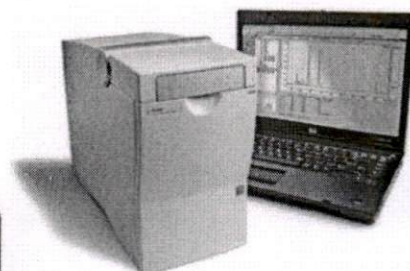
### Outcomes:

1. Participants will have a comprehensive understanding of the principles and applications of bioanalyzers in laboratory settings.
2. They will demonstrate proficiency in operating the bioanalyzer's software and hardware, ensuring effective setup and execution of analyses.
3. Participants will be skilled in sample preparation techniques, preparing samples accurately for bioanalyzer analysis.

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## AWARENESS OF HYGIENE & HEALTH MAINTENANCE PROGRAMME

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### Objectives:

1. Educate participants on the importance of personal hygiene in preventing illness and promoting overall health.
2. Provide information on basic hygiene practices, including handwashing, oral hygiene, and proper grooming.
3. Raise awareness about the role of environmental hygiene in health maintenance, including cleanliness in living spaces and waste disposal.

### Outcomes:

1. Participants will have a comprehensive understanding of the importance of personal hygiene and its impact on health.
2. They will demonstrate proficiency in basic hygiene practices, such as effective handwashing techniques and maintaining oral hygiene.
3. Participants will recognize the importance of environmental hygiene and be able to implement strategies to maintain a clean living environment.

### Resource Person

**Dr. S.Sujatha**, Professor  
HOD of pharmaceutics  
Narayana Pharmacy College  
Nellore

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Date: 12th September 2023



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## LABORATORY REAGENT PREPARATION TRAINING PROGRAMME

DATE : 6<sup>TH</sup> OCTOBER 2023



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### Objectives:

1. Understand the fundamental principles of reagent preparation, including concentration calculations, dilutions, and the use of laboratory units.
2. Familiarize participants with different types of reagents, their uses in various laboratory procedures, and the importance of purity and quality.
3. Provide hands-on training in the standard operating procedures (SOPs) for reagent preparation, including safety protocols and proper laboratory techniques.
4. Teach participants how to maintain accurate records of reagent preparation, including labeling, storage conditions, and expiration dates.

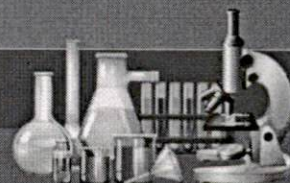
### Outcomes:

1. Participants will demonstrate a thorough understanding of the principles of reagent preparation, including calculations and dilutions.
2. They will be able to identify various types of reagents and their appropriate applications in laboratory procedures.
3. Participants will demonstrate proficiency in following SOPs for reagent preparation, ensuring accuracy and safety in their practices.
4. They will be skilled in maintaining proper records of reagent preparation, including labeling and tracking expiration dates.

*[Signature]*  
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### RESOURCE PERSON

**Mr A.AVINASH**  
ASSOCIATE PROFESSOR, DEPT OF PHARMACEUTICS,  
NARAYANA PHARMACY COLLEGE, NELLORE





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## TRAINING PROGRAMME ON **TRASH COLLECTION AND DISPOSAL**

**DATE: 24-08-2022**

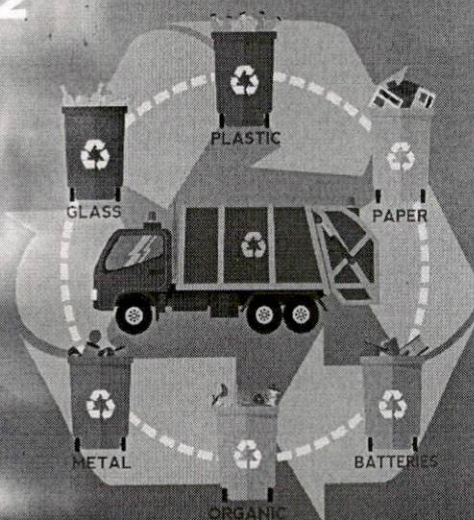
### **Resource Person**

**Ms. A.Sai Saranya**

Associate Professor

Dept of Pharmaceutical Analysis

NELLORE



### **Objectives:**

1. Understand the importance of proper trash collection and disposal in promoting environmental sustainability and public health.
2. Educate participants on the different types of waste (e.g., biodegradable, recyclable, hazardous) and their appropriate disposal methods.
3. Provide training on best practices for waste segregation at the source to enhance recycling and reduce landfill waste.

### **Outcomes:**

1. Participants will have a clear understanding of the impact of proper trash collection and disposal on environmental health and community well-being.
2. They will be able to identify and classify different types of waste and understand the correct disposal methods for each category.
3. Participants will demonstrate the ability to implement waste segregation practices effectively, contributing to increased recycling rates and reduced waste.

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## AWARENESS PROGRAMME ON HIV/AIDS

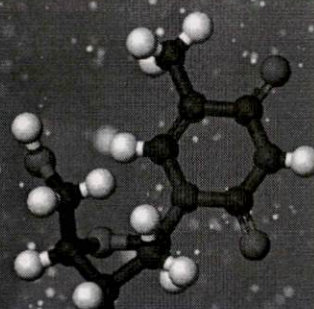
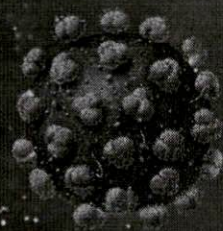
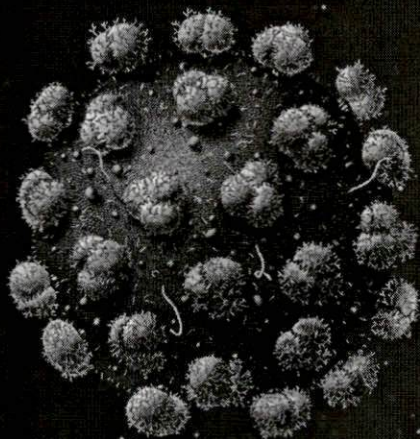
**DATE: 23-3-23**

### **Resource Person**

**Dr.M.Suchitra**

Associate professor

Dept. of Pharmaceutical Chemistry  
Narayana pharmacy college, Nellore



### **Objectives:**

1. Educate participants about HIV/AIDS, including its transmission, symptoms, and the difference between HIV and AIDS.
2. Raise awareness of the social stigma and discrimination associated with HIV/AIDS and promote a supportive environment for affected individuals.
3. Provide information on preventive measures to reduce the risk of HIV transmission, including safe sex practices and the importance of regular testing.

### **Outcomes:**

1. Participants will have a comprehensive understanding of HIV/AIDS, including its transmission, symptoms, and how it differs from AIDS.
2. They will demonstrate an awareness of the social stigma associated with HIV/AIDS and engage in supportive behaviors towards affected individuals.
3. Participants will be able to identify effective preventive measures against HIV transmission and understand the significance of safe sex practices.

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## Training Programme on PREPARATION OF EXPERIMENT PROTOCOLS

Date: 09-10-2021

### Objectives:

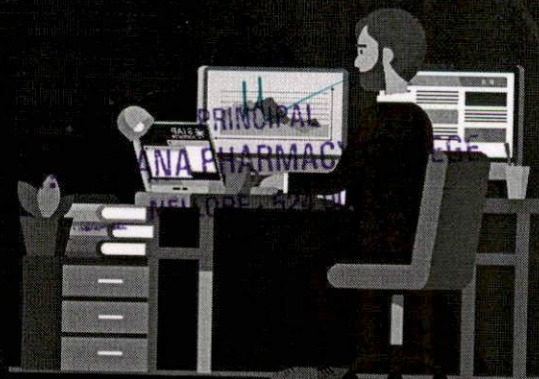
1. Understand the importance of experiment protocols in scientific research, ensuring reproducibility, reliability, and clarity in experiments.
2. Educate participants on the components of a well-structured experiment protocol, including hypothesis, objectives, materials, methods, data collection, and analysis.
3. Teach participants how to design protocols that ensure consistency and accuracy in experimental procedures.
4. Provide guidance on ethical considerations and safety protocols that must be included in experimental protocols.

### Outcomes:

1. Participants will be able to design clear and effective experiment protocols, ensuring that each step of the experiment is reproducible and reliable.
2. They will have the ability to structure protocols with all necessary components, such as the hypothesis, methods, materials, and data analysis plan.
3. Participants will demonstrate an understanding of how to maintain accuracy and consistency during the experimental process through well-prepared protocols.
4. They will ensure that ethical standards and safety considerations are incorporated into all protocols, promoting responsible research practices.

### Resource Person

**Mrs.Sk.Salma Sultana,**  
Associate professor,  
Dept of Pharmacology,  
Narayana Pharmacy College, Nellore





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## TWO DAY TRAINING PROGRAMME ON RISK MANAGEMENT IN LABORATORIES

From  
07-05-22 To 08-05-22

### Resource Persons

#### Mr A.Avinash

Associate professor,  
Dept of Pharmaceutics  
Narayana Pharmacy college,  
Nellore

#### Dr.D.Chinnababu

Associate professor,  
Dept of PHARMACEUTICAL ANALYSIS  
Nellore



### Objectives:

1. Develop a comprehensive understanding of laboratory management principles, focusing on efficiency, safety, and compliance with regulatory standards.
2. Educate participants on the roles and responsibilities of laboratory managers, including overseeing personnel, resources, and operations.
3. Introduce effective inventory management practices for laboratory equipment, materials, and supplies to ensure smooth and continuous operations.
4. Provide participants with knowledge on budgeting and resource allocation, optimizing the use of funds and resources within the laboratory setting.

### Outcomes:

1. Participants will develop the ability to manage laboratory operations efficiently, ensuring smooth workflow and regulatory compliance.
2. They will demonstrate proficiency in inventory and resource management, ensuring that the laboratory is well-stocked, organized, and equipped for ongoing research and experiments.
3. Participants will be able to manage laboratory budgets effectively, optimizing the use of available resources and funds.
4. They will gain expertise in implementing safety protocols and conducting risk assessments to promote a secure and hazard-free laboratory environment.

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## TRAINING PROGRAMME ON COMPUTER BASICS

DATE : 7<sup>TH</sup> JANUARY 2021



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### Objectives:

1. Provide a fundamental understanding of computer hardware and software, including key components such as CPU, RAM, storage devices, and operating systems.
2. Teach participants how to navigate operating systems (e.g., Windows) and perform basic tasks such as file management, creating folders, and organizing data.
3. Introduce the concept of software applications, including word processing (e.g., Microsoft Word), spreadsheets (e.g., Microsoft Excel), and presentation tools (e.g., PowerPoint).
4. Educate participants on how to use the internet, including browsing, searching for information, and understanding online safety and privacy.

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### Outcomes:

1. Participants will develop a solid understanding of computer hardware and software and will be able to identify key components and their functions.
2. They will be able to effectively navigate the operating system, manage files, and organize data on their computers.
3. Participants will demonstrate proficiency in using basic software applications, including word processors, spreadsheets, and presentation tools.
4. They will be able to use the internet confidently, perform searches, and be aware of online safety measures to protect their personal information.

RESOURCE PERSON

**Dr.P.PENCHALAI AH**

HOD OF COMPUTER SCIENCE

NARAYANA ENGINEERING COLLEGE, NELLORE







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## TRAINING PROGRAMME ON YOGA AND MENTAL HEALTH



DATE : 20<sup>TH</sup> APRIL 2021

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### Objectives:

1. Educate participants about the connection between yoga and mental health, highlighting the benefits of yoga in reducing stress, anxiety, and depression.
2. Introduce participants to the basic principles of yoga, including postures (asanas), breathing techniques (pranayama), and meditation.
3. Teach participants how to use yoga as a tool for enhancing emotional resilience, improving focus, and achieving a state of mental clarity.
4. Provide guidance on how to practice mindfulness and relaxation techniques through yoga to manage day-to-day stress.

### Outcomes:

1. Participants will have a comprehensive understanding of how yoga improves mental health by promoting relaxation, reducing stress, and enhancing emotional well-being.
2. They will be able to perform a variety of yoga postures, breathing exercises, and meditation practices to maintain mental and emotional balance.
3. Participants will develop skills to manage anxiety and stress using yoga-based techniques, enhancing their ability to stay calm and focused in challenging situations.
4. They will gain knowledge of mindfulness practices through yoga and learn how to incorporate them into their daily lives for better mental health.

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Z.SELVI BABU

PHYSICAL DIRECTOR

NARAYANA GROUP OF INSTITUTIONS

RESOURCE PERSON



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## TRAINING ON CALIBRATION OF GLASSWARE

DATE : 06TH AUGUST 2019

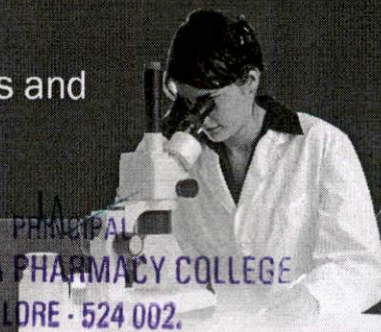
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### Objectives:

1. Understand the importance of glassware calibration in ensuring accuracy and precision in laboratory experiments.
2. Learn the types of glassware commonly used in laboratories (e.g., burettes, pipettes, volumetric flasks, etc.).
3. Gain knowledge of the calibration procedures for different types of glassware.
4. Develop skills in using calibration tools such as analytical balances, temperature controls, and standard solutions.

### Outcomes:

1. Participants will be able to accurately calibrate laboratory glassware and understand its role in achieving reliable experimental results.
2. They will demonstrate proficiency in selecting and using appropriate calibration tools for different glassware types.
3. Participants will gain the ability to identify calibration errors and apply corrective measures effectively.



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**Mrs. M. KRISHNAVENI**

ASSOCIATE PROFESSOR, DEPT OF PHARMACEUTICS,  
NARAYANA PHARMACY COLLEGE, NELLORE



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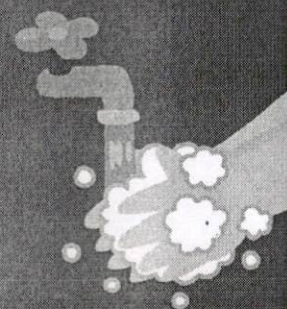
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## AWARENESS PROGRAMME ON EMERGENCY RESPONSE CLEANING PROTOCOLS AND PROCEDURES

DATE : 21<sup>ST</sup> NOVEMBER 2019

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### Objectives:

1. Raise awareness of the importance of proper emergency response cleaning protocols in various emergency situations (e.g., chemical spills, biological hazards, or infectious disease outbreaks).
2. Provide an understanding of the types of emergencies that may require specific cleaning procedures.
3. Educate participants on the standard cleaning and disinfection protocols for different emergency scenarios.
4. Equip participants with knowledge of Personal Protective Equipment (PPE) and its correct usage during emergency cleaning.

### Outcomes:

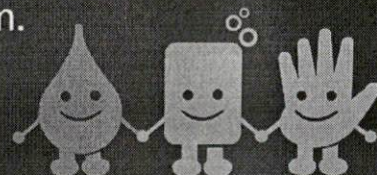
1. Participants will have a clear understanding of various emergency scenarios and the appropriate cleaning protocols to address them.
2. They will be able to apply the correct cleaning and disinfection procedures to ensure a safe and sanitized environment after an emergency.
3. Participants will gain proficiency in using PPE effectively to protect themselves and others during emergency cleaning.
4. They will understand the correct methods for the safe disposal of hazardous materials, preventing contamination and environmental harm.

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RESOURCE PERSON

**MRS.SK.SALMA**

ASSOCIATE PROFESSOR, DEPT OF PHARMACEUTICAL CHEMISTRY,  
NARAYANA PHARMACY COLLEGE, NELLORE





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## TRAINING PROGRAMME ON GOOD LABORATORY PRACTICES

DATE : 4<sup>TH</sup> FEBRUARY 2020

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### Objectives:

1. Understand the principles of Good Laboratory Practices (GLP) and their significance in ensuring the quality and reliability of laboratory data.
2. Familiarize participants with the legal and regulatory framework governing GLP, including international guidelines and local regulations.
3. Teach the importance of documentation, record-keeping, and traceability in laboratory work to ensure data integrity and reproducibility.
4. Provide knowledge on the proper use and maintenance of laboratory equipment to ensure accurate results and compliance with GLP standards.

### Outcomes:

1. Participants will demonstrate a clear understanding of GLP principles and their application in daily laboratory operations.
2. They will be able to comply with regulatory requirements and international standards for GLP in their laboratory work.
3. Participants will improve their documentation and record-keeping practices, ensuring traceability and data integrity for all experiments and procedures.
4. They will have a solid understanding of equipment maintenance and calibration protocols, leading to more accurate and reliable experimental results.

RESOURCE PERSON

**Mrs .CH.LALITHA**

ASSOCIATE PROFESSOR, DEPT OF PHARMACEUTICAL CHEMISTRY,  
NARAYANA PHARMACY COLLEGE, NELLORE

