LIST OF COURSES FOR THE A. Y 2021-22

S. No	Name of the course
1	Pharmacist: Patient Care process (PPCP)
2	Machine learning & AI in Computer Aid Drug Design (CADD)
3	Bio-mimetric Drug Delivery Systems: Nature-Inspired Solutions
4	Foundations of Molecular Docking in drug Discovery: A comprehensive Certificate Program
5	Pharmaceutical Analysis for Clinical Trials
6	Biopharmaceutical Quality Assurance & Validation
7	NPTEL

T. Sai Yogesh

PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

"Pharmacist: Patient Care process (PPCP)"

SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA
(Sponsored by the Exhibition Society), Tarnaka, Secunderabad
Affiliated to Osmania University, Approved by AICTE & PCI
ISO 9001: 2015 Certified Institution, NBA Accredited B. Pharmacy Course

Date: 28/7/2021

CIRCULAR

This is to inform that **All Pharm D** students may register for a Value added course on **"Pharmacist: Patient Care process (PPCP)"** as per the schedule given below. Hence all the students are highly encouraged to register and participate without fail.

Period of Certificate Program: August 3rd to August 21st, 2021

PRINCIPAL
Sarojini Naidu vanita Pharmacy Maha Vidyal
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA
(Sponsored by the Exhibition Society), Tarnaka, Secunderabad
Affiliated to Osmania University, Approved by AICTE & PCI
ISO 9001: 2015 Certified Institution, NBA Accredited B. Pharmacy Course

Detailed Program Schedule

Name of Class: All Pharm. D	**Course**: **Pharmacist : Patient Care Process (PPCP)**
Duration of Course: 15 Days	**Duration**: 2 Hours **Time:** 3:00 PM - 5:00 PM

Dates: 3rd August to 21st August, 2021
Time: 3:00 PM - 5:00 PM
Duration: 30 Hours
Number of students attended: 108
Organized by: Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Coordinator: Mrs. S. Divya, Assistant Professor, SNVPMV.
Schedule: Pharmacist: Patient Care Process (PPCP)

Session	Date & Time	Topic Name
1	03/08/2021	Introduction to Pharmaceutical Care Concepts • Welcome and Program Overview • Introduction to Pharmaceutical Care • Role of Pharmacists in Patient Care
2	04/08/2021	**Patient Assessment and Data Collection Techniques** • Patient Interview Techniques • Medical History Documentation • Physical Assessment Skills
3	05/08/2021	**Medication Therapy Management Strategies** • Pharmacotherapy Principles • Drug Interactions and Adverse Effects • Medication Adherence Strategies
4	06/08/2021	**Communication and Counselling Skills** • Effective Communication Strategies for Pharmacists • Patient counselling Techniques • Handling Difficult Conversations
5	07/08/2021	**Inter professional Collaboration and Teamwork** • Importance of Interdisciplinary Collaboration in Patient Care • Team Dynamics and Conflict Resolution
6	09/08/2021	Case Studies and Group Discussions
7	10/08/2021	Ethical and Legal Considerations in Patient Care • Ethical Principles in Pharmacy Practice • Legal Framework for Patient Care Services
8	11/08/2021	Patient Confidentiality and Privacy Laws

T. Sarityosh
PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

9	12/08/2021	Review and Application Review of Key Concepts and Learning Outcomes
10	13/08/2021	Case-Based Learning: Applying Patient Care Process in Practice Q&A and Discussion Forum
11	16/08/2021	Assessment and Evaluation Quiz on Program Content
12	17/08/2021	Assignment Presentation: Case Study Analysis Final Examination
13	18/08/2021	Feedback and Wrap-Up Participant Feedback Survey
14	19/08/2021	Certificate Distribution Ceremony
15	21/08/2021	Closing Remarks and Acknowledgments

Course outcomes:

After completion of this course, learners can

1. Understand the pharmacist patient care process including assessment, diagnosis, care plan development, implementation and monitoring.
2. Conduct Patient Assessments including medical history, medications, and relevant laboratory data, to identify drug-related problems and patient specific needs
3. Perform Medication Therapy Management(MTM) to optimize drug therapy outcomes, including identifying, resolving and preventing medication related problems
4. Implement Patient- Centered Interventions communicate pharmaceutical care interventions effectively collaborating with other health care professionals to optimize patient outcomes
5. Monitor and Evaluate Patient Responses to drug therapy, assess therapeutic and adverse effects, and adjust care plans as needed to ensure optimal outcomes
6. Promote Medication Adherence including patient education, counseling, and addressing barriers to adherence
7. Stay Current With Evidence-Based Practice principles to stay informed about the latest developments in pharmacotherapy, ensuring the delivery of up to date and high quality patient care.

Value Added Course Report

Title: "Pharmacist: Patient Care Process (PPCP)"
Academic Year 2021-2022
Dates: August 3rd to August 21st, 2021
Time: 3:00 PM - 5:00 PM
Duration: 30 Hours
Number of students attended: 108
Organized by: Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Coordinator: Ms S. Divya, Assistant Professor, SNVPMV.
Speakers:
Dr. T. Venu, Professor, SNVPMV.
Dr V Santhoshini, Assistant Professor, SNVPMV.

T. Sarityosh
PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

Mrs. B. Hymavathi, Assistant professor, SNVPMV.
Mrs. M. Harini, Assistant Professor, SNVPMV.

Introduction

The 30-hour Value added programme on the Pharmacist Patient Care Process, held at Sarojini Naidu Vanita Pharmacy Maha Vidyalaya from August 3 to August 21, 2021, was a resounding success. The program aimed to enhance the knowledge and skills of 80 participating students, equipping them with the latest advancements in patient care within the pharmaceutical domain.

Program Objectives

The program was designed with the following key objectives:

- To provide a comprehensive understanding of the Pharmacist Patient Care Process.
- To develop practical skills in patient assessment, medication management, and counseling

Program Overview

The program comprised ten sessions, each lasting 3 hours, and covered various aspects of Pharmacist patient care process, catering to the needs of professionals seeking to explore Pharmacist patient care process potential in revolutionizing the sector.

Key Session Highlights

Session 1: Introduction to Pharmacist patient care process

The program commenced with a series of in-depth lectures covering the foundational concepts of the Pharmacist Patient Care Process. Participants gained insights into patient assessment, medication therapy management, and communication skills.

Session 2: Practical workshops provided participants with hands-on experience in applying the learned concepts. Simulated scenarios allowed students to practice patient interactions, medication reviews, and collaborative decision-making.

Session 3: Case Studies and Discussions

Engaging case studies and group discussions were conducted to encourage critical thinking and problem-solving. Real-life scenarios were analysed, and participants actively shared their perspectives, fostering a collaborative learning environment.

Session 4: Certificate Examination

The session explored A comprehensive certification examination was conducted at the end of the program to assess participants' understanding and application of the Pharmacist Patient Care Process. Successful participants were awarded a 30-hour Value added.

Conclusion

The 30-hour certificate programme on the Pharmacist Patient Care Process at Sarojini Naidu Vanita Pharmacy Maha Vidyalaya proved to be a valuable educational experience for the 108

T. Sarityosh
PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

participating students. The program successfully equipped them with the knowledge and skills necessary to excel in patient care within the pharmaceutical field. The positive feedback received indicates the effectiveness of the program in meeting its objectives.

This initiative by Sarojini Naidu Vanita Pharmacy Maha Vidyalaya contributes significantly to the continuous professional development of pharmacy students, ensuring they are well-prepared for the challenges and responsibilities in the evolving landscape of healthcare.

The program's success can be attributed to the dedicated instructors, comprehensive curriculum, and interactive sessions that facilitated an engaging learning environment, encouraging active participation and knowledge exchange. This report aims to encapsulate the essence and success of the program, shedding light on the “Pharmacist Patient Care Process”.

We extend our gratitude to all participants, faculty members, and the organizing committee for their contributions to making this program a success.

Program Organizer:
SNVPMV,
Department of Pharm D
Date: 22/08/2021.

PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA
(Sponsored by the Exhibition Society), Tarnaka, Secunderabad
Affiliated to Osmania University, Approved by AICTE & PCI
ISO 9001: 2015 Certified Institution, NBA Accredited B. Pharmacy Course

"Machine learning & AI in Computer Aided Drug Design (CADD)"

SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA
(Sponsored by the Exhibition Society), Tarnaka, Secunderabad
Affiliated to Osmania University, Approved by AICTE & PCI
ISO 9001: 2015 Certified Institution, NBA Accredited B. Pharmacy Course

Date: 15/09/2021

Circular

This is to inform all the B.Pharmacy IV Year Students have a Value-added course on "**Machine Learning and AI in Computer-Aided Drug Design (CADD).**" as per the schedule given below.. Certificates will be issued to all the participants with satisfactory attendance. Hence all the students were informed to attend the program without fail.

Total Hours: 33 Hours

Venue: Seminar Hall /SNVPMV

Daily Timing:

Daily Timing 21st October to 5th November 2021

21st to28th October-Time 3.00 pm to 5.00pm:

29th to 5th November 2.30pm to 5.30pm

PRINCIPAL

SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA TARNAKA, SEC-BAD

PRINCIPAL
Sarojini Naidu vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka.
Secunderabad-500 017.

Detailed Program Schedule

Molecular Descriptors Demystified: Tools for Drug Discovery

Duration: 21st October to 5th November 2021
Participants: 54 Students (B. Pharm IV Year)
Organized By: Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Speakers: Dr. T. Sarita Jyostna
Professor, SNVPMV
Dr. S. Hemalatha
Professor, SNVPMV
Mr. Depankar Bowmik
Mrs.Muni Sirisha
Assistant Professor, SNVPM
Schedule:

Session	Date	Topic Name
1	21/10 2021	Introduction to Molecular Descriptors
2	21/10 2021	About Molecular Descriptors
3	22/10 2021	Basic Principles of Drug Discovery
4	23/10 2021	Quantitative Structure-Activity Relationships (QSAR)
5	25/10 2021	Case Studies in QSAR
6	26/10 2021	Workshop: Applying QSAR in Drug Discovery
7	27/10 2021	Molecular Docking and Drug Target Interaction
8	28/10 2021	In Silico ADME/Tox Prediction
9	29/10 2021	Computational Tools for Descriptor Analysis(3hrs)
10	30/10 2021	In Silico ADME/Tox Prediction (3hrs)
11	01-11-2021	In Silico ADME/Tox Prediction (3hrs)
12	02-11-2023	Practical Exercise: Insilico ADME Software's to predict ADME (3hrs)
13	03-11-2023	Practical Exercise: Molecular Docking (3hrs)
14	05-11-2023	Practical Exercise: Molecular Docking (1.5hr)
15	05-11-2023	Practical Exercise: Independent Study and Assignments and students feedback quiz 1.5hr)

T. Sarityosh
PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

Course Outcomes:

Upon successful completion of the "Molecular Descriptors Demystified: Tools for Drug Discovery" course, participants will be able to:

Understand the Fundamentals of Molecular Descriptors: Grasp the concept of molecular descriptors and their significance in chem. informatics and drug discovery.
Identify the different types of molecular descriptors, including 1D, 2D, and 3D descriptors, and understand their applications.

Generate and Analyze Molecular Descriptors: Utilize various chem. informatics software and tools to calculate molecular descriptors. Analyze and interpret the significance of computed descriptors in the context of chemical and biological activities.

Apply Descriptors in QSAR Model Building: Integrate molecular descriptors into Quantitative Structure-Activity Relationship (QSAR) models.

Understand the process of selecting appropriate descriptors for creating robust and predictive QSAR models.

Enhance Drug Discovery Processes:

Apply knowledge of molecular descriptors in various stages of the drug discovery process, including hit identification, lead optimization, and prediction of drug-likeness properties.

Use descriptors to predict ADME (Absorption, Distribution, Metabolism, and Excretion) properties and toxicity, facilitating the design of safer and more effective drug candidates.

Critically Evaluate and Validate QSAR Models: Assess the quality and predictivity of QSAR models using molecular descriptors. Understand the principles of model validation, including internal and external validation techniques.

Relevance to Drug Discovery:

The ability to accurately describe and predict the properties of molecular compounds is crucial in the pharmaceutical industry. Molecular descriptors serve as the foundation for computer-aided drug design (CADD), enabling more efficient and targeted drug discovery processes. By equipping participants with the knowledge and skills to employ molecular descriptors effectively, this course facilitates the advancement of novel therapeutics from concept to clinic, contributing to the future of personalized medicine and healthcare.

Value added Course Report

Program Name: Molecular Descriptors Demystified: Tools for Drug Discovery
Duration: 21st October to 5th November 2021
Time: 3:00 PM - 5:00 PM
Duration: 34Hours
Organized By: Sarojini Naidu Vanita Pharmacy Maha Vidyalaya

T. Sarityosh
PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

Participants: 54 Students (B. Pharmacy and M. Pharmacy)

Speakers: Dr. T. Sarita Jyostna
Professor, SNVPMV
Dr. S .Hemalatha
Professor, SNVPMV
Mr. Depankar Bowmik
Mrs.Muni Sirisha
Assistant Professor, SNVPM

The 34-hour Value added Program, "Molecular Descriptors Demystified: Tools for Drug Discovery," Conducted from 21st October to 5th November 2021, witnessed active participation from 54 students enrolled from B. Pharmacy IV Year. This program, was organized by Sarojini Naidu Vanita Pharmacy Maha Vidyalaya, was designed to unravel the intricacies of molecular descriptors and their pivotal role in modern drug discovery.

Objectives:

1. Deconstructing Molecular Descriptors: The program aimed to demystify the concept of molecular descriptors, providing participants with a clear understanding of their significance in drug development.
2. Hands-on Application: Practical sessions were incorporated to enable participants to apply theoretical knowledge using cutting-edge tools and software.
3. Empowering Future Drug Developers: The program intended to equip students with the skills and knowledge necessary for a successful career in pharmaceutical research.
4. Diverse Curriculum: The program offered a comprehensive curriculum, covering a wide range of molecular descriptors and their applications in drug discovery.
5. Expert-Led Workshops: Eminent speakers and industry experts led engaging workshops, allowing participants to gain practical insights and refine their analytical skills.
6. Collaborative Learning: Interactive discussions and group activities fostered a collaborative learning environment, enabling participants to exchange ideas and perspectives.
7. Practical Software Training: Participants received hands-on training on state-of-the-art software used in molecular descriptor analysis, enhancing their technical proficiency.

Participant Feedback:
Feedback from participants was overwhelmingly positive, highlighting the relevance and applicability of the program content. Many praised the expertise of the faculty and the hands-on approach to learning.

Impact and Future Endeavors:
The program significantly enriched the participants' understanding of molecular descriptors and their critical role in drug discovery. The knowledge gained will undoubtedly contribute to their academic and professional success in the pharmaceutical field.

T. Sarityosh
PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

Given the success of this program, Sarojini Naidu Vanita Pharmacy Maha Vidyalaya is committed to organizing similar events in the future, with the aim of continuously advancing the knowledge and skills of students in the field of pharmaceutical sciences.

Conclusion:

The 34-hour Value added program on "Molecular Descriptors Demystified: Tools for Drug Discovery" exemplifies the dedication of Sarojini Naidu Vanita Pharmacy Maha Vidyalaya in providing high-quality education and professional development opportunities. The active participation of 54 students and their positive feedback reaffirms the program's effectiveness in achieving its objectives.

Program Organizer:
SNVPMV,
Department of Pharmaceutical Chemistry
Date: 5/11/2021.

T. Sarityosh
PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA
(Sponsored by the Exhibition Society), Tarnaka, Secunderabad
Affiliated to Osmania University, Approved by AICTE & PCI
ISO 9001: 2015 Certified Institution, NBA Accredited B. Pharmacy Course

"Bio mimetic Drug Delivery Systems: Nature-Inspired Solutions"

SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA
(Sponsored by the Exhibition Society),Tarnaka, Secunderabad.
Affiliated to Osmania University, Approved by AICTE & PCI
NBA Accredited B. Pharmacy Course

DATE: 28.12.2021

CIRCULAR

This is to inform **M. Pharmacy I Year (Pharmaceutics & Quality Assurance), B.Pharmacy IV Year and B. Pharm I Year** students have value added course on "**Biomimetic Drug Delivery Systems: Nature-Inspired Solutions**" as per the schedule given below. Hence all the students informed to attend the programme without fail.

3rd January to 22nd January, 2022

Principal

PRINCIPAL
Sarojini Naidu vanita Pharmacy Maha Vidyalay
Vijayapuri Colony, S.Lalaguda, Tarnak
Secunderabad-500 017.

Detailed Program Schedule

Name of Class: M. Pharmacy I Year (Ph.Ceutics & QA), B. Pharmacy IV Year and B.Pharm I Year	**Course**: Biomimetic Drug Delivery Systems: Nature-Inspired Solutions
Duration of Course: 15 Days/30 Hrs	**Duration**: 3rd January to 22nd January , 2022 **Timings:** 3 P.M to 5 P.M

Dates: 3rd January to 22nd January, 2022
Time: 3:00 PM - 5:00 PM
Duration: 30 Hours
Number of students attended: 126
Organized by: Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Coordinator: Mrs. P. Divya Teja, Assistant Professor, Department of Pharmaceutics.
Schedule: Biomimetic Drug Delivery Systems: Nature-Inspired Solutions

Session	Date	Topic Name
1	03-01-2022	Introduction to Biomimetic Drug Delivery
		Overview of biomimetic drug delivery systems
		Importance of nature-inspired solutions
2	04-01-2022	Biomimetic Design Principles
		Biomimicry in drug delivery
		Key design principles
3	05-01-2022	Nature as Inspiration
		Learning from nature: examples from the natural world
		Biomimetic drug delivery in history
4	06-01-2022	Ethical and Regulatory Considerations
		Ethical and sustainability aspects of biomimicry
		Regulatory guidelines and approvals
5	07-01-2022	Structural Biomimicry
		Copying natural structures
		Nanoparticles, liposomes, and more
6	10-01-2022	Functional Biomimicry
		Mimicking biological functions
		Enzymes, cell membranes, and responsive systems
7	11-01-2022	Biomimetic Materials
		Natural and synthetic biomaterials
		Design considerations for drug carriers
8	12-01-2022	Nature-Inspired Drug Release Mechanisms
		Responsive and self-regulated systems

T. Sai Yosh
PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

		Controlled drug delivery based on biological principles
9	13-01-2022	Biomimetic Drug Delivery in Cancer
		Targeted drug delivery in oncology
		Clinical successes and challenges
10	17-01-2022	Neurological Disorders and Biomimicry
		Brain-targeted drug delivery
		Innovations in neurology
11	18-01-2022	Infectious Disease Solutions
		Biomimetic approaches to vaccine delivery
		Addressing global health challenges
12	19-01-2022	Personalized Medicine and Biomimetic Delivery
		Tailoring drug delivery to individual needs
		Advancements in patient-centric care
13	20-01-2022	Emerging Technologies and Innovations
		Upcoming trends in biomimetic drug delivery
		Potential innovations in the field
14	21-01-2022	Final Project
		Field Work
		Course participants work on individual or group projects
		Preparation of final presentations
15	22-01-2022	Course Assessment
		Presentation of final projects
		Certification

Course outcomes:

After completion of this course, learners can

1. Gain a comprehensive understanding of biomimicry principles and how they can be applied to drug delivery systems.
2. Explore the fundamental concepts of mimicking nature's solutions for efficient and targeted drug delivery.
3. Acquire in-depth knowledge of various biological systems and processes that can serve as inspiration for drug delivery system design.
4. Study the intricate details of biological structures and functions that can be mimicked to enhance drug delivery efficiency.
5. Learn about the integration of nanotechnology in biomimetic drug delivery systems.
6. Understand how nanoparticles and nanocarriers can mimic biological entities for targeted and controlled drug release.

T. Sarivyosh
PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

Value Added Course Report

Title: "Biomimetic Drug Delivery Systems: Nature-Inspired Solutions"
Duration: 30 Hours
Dates: 3rd January to 22nd January, 2022.
Time: 3:00 PM - 5:00 PM
Number of students attended: 46
Coordinator: Mrs. P. Divya Teja, Department of Pharmaceutics.
Introduction: Dr.B.Haarika, Professor, SNVPMV, Hyderabad

The 30-hour Value added Programme on " Biomimetic Drug Delivery Systems: Nature-Inspired Solutions " was conducted from 3-1-2022 to 22-1-2022. The program aimed to provide participants with comprehensive insights into Biomimetic Drug Delivery Systems in the pharmaceutical industry. Sessions were held daily, from 3:00 PM to 5:00 PM, covering various topics related to Biomimetic Drug Delivery Systems.

Program Highlights:

Session 1: Introduction to Biomimetic Drug Delivery
Speaker Name: **Dr. T. Mamatha, Vice-Principal, SNVPMV, Hyderabad.**
Biomimetic drug delivery systems leverage principles observed in biological entities to design carriers that mimic the behavior of cells, tissues, or organisms. These systems often incorporate nanotechnology, allowing for precise control over the release kinetics of drugs. Examples include liposomes imitating cell membranes, nanoparticles mimicking cellular structures, or even synthetic systems replicating the functions of specific organs.

Session 2: Biomimetic Design Principles
Speaker Name: **Dr.B.Haarika, Professor, SNVPMV, Hyderabad**
Biomimetic drug delivery is an innovative approach that draws inspiration from nature to design and develop delivery systems for pharmaceutical compounds. Nature has evolved intricate and efficient mechanisms for transporting molecules within living organisms, and biomimetic drug delivery seeks to replicate or adapt these natural systems to enhance the targeted and controlled release of therapeutic agents.

Session 3: Nature as Inspiration
Speaker Name: **Dr. N. Srinivas**, **Director, SNVPMV.**
Nature serves as a model for sustainable practices, emphasizing resource efficiency and waste reduction. Designers and industries are increasingly adopting sustainable principles inspired by ecosystems, promoting circular economies and minimizing environmental impact. Innovations in materials, packaging, and energy systems often draw inspiration from the regenerative processes observed in nature.

Session 4: Biomimetic Drug Delivery in Cancer
Speaker Name: **Dr. N. Srinivas**, **Director, SNVPMV.**
Cancer remains a global health challenge, necessitating innovative approaches to enhance the efficacy of drug delivery while minimizing adverse effects. Biomimetic Drug Delivery

T. Sai Yogesh
PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

Systems, drawing inspiration from nature's efficiency and precision, are poised to revolutionize cancer treatment.

Key Learning's:

Help the students to gain a comprehensive understanding of biomimicry principles and how they can be applied to drug delivery systems. Explore the fundamental concepts of mimicking nature's solutions for efficient and targeted drug delivery

Conclusion:

The 30-hour value added Programme on Biomimetic drug delivery systems represent a paradigm shift in cancer therapeutics, offering targeted, patient-centric approaches with reduced side effects. As the field progresses, the values of precision, adaptability, and enhanced efficacy will play pivotal roles in shaping the landscape of cancer treatment. Embracing biomimicry in drug delivery holds the potential to redefine the standard of care for cancer patients, ultimately contributing to improved outcomes and a higher quality of life.

Program Organizer:

SNVPMV,

Department of Pharmaceutics

Date: 24/01/2022.

T. Sai Yogesh

PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA
(Sponsored by the Exhibition Society), Tarnaka, Secunderabad
Affiliated to Osmania University, Approved by AICTE & PCI
ISO 9001: 2015 Certified Institution, NBA Accredited B. Pharmacy Course

"Foundations of Molecular Docking in drug Discovery: A comprehensive Certificate Program"

SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA
(Sponsored by the Exhibition Society), Tarnaka, Secunderabad
Affiliated to Osmania University, Approved by AICTE & PCI
ISO 9001: 2015 Certified Institution, NBA Accredited B. Pharmacy Course

Date:28/12/2021

CIRCULAR

This is to inform **M. Pharmacy and B. Pharmacy IV Year** students have Value added Programme on **"Foundations of Molecular Docking in drug Discovery"** as per the schedule given below. Hence all the students informed to attend the programme without fail.

3rd January to 22nd January, 2022

Principal

PRINCIPAL
Sarojini Naidu vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka,
Secunderabad-500 017.

SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA
(Sponsored by the Exhibition Society), Tarnaka, Secunderabad
Affiliated to Osmania University, Approved by AICTE & PCI
ISO 9001: 2015 Certified Institution, NBA Accredited B. Pharmacy Course

Detailed Program Schedule

Name of Class: M. Pharmacy and B. Pharmacy IV Year	**Course**: Foundations of Molecular Docking in drug Discovery
Duration of Course: 15 Days (2 Hours)	**Duration**: 3rd January to 22nd January, 2022 **Timings:** 3 P.M to 5 P.M

Dates: 3rd January to 22nd January, 2022
Time: 3:00 PM - 5:00 PM
Duration: 30 Hours
Number of students attended: 45
Organized by: Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Coordinator: Dr.S. Hemalatha, Professor, SNVPMV
Mrs. S. Muni Sireesha, Assistant Professor, Department of Pharmaceutical Chemistry,
Speakers:

1. Dr. T.Sarita Jyostna, Professor, SNVPMV,
2. Dr. K. Neelima, Associate Professor, SNVPMV
3. Mrs. K. Vinutha Asst. Professor, SNVPMV
4. Mr.Deepankar Bhowmik, Associate solution Leader

Brane Enterprises Pvt Ltd, Mrs. Muni Sirisha

Schedule: Foundations of Molecular docking in drug Discovery

Session	Date	Topic Name
1	03-01-2022	Introduction to Molecular Docking and Drug Discovery
		Principles of Molecular Docking Techniques
2	04-01-2022	Protein Structures and Their Role in Molecular Docking
		Ligand Selection and Preparation
3	05-01-2022	Software Tools for Molecular Docking
		Hands-on Session: Basic Use of Docking Software
4	06-01-2022	Advanced Techniques in Docking Software
5	07-01-2022	Case Studies in Molecular Docking
		Workshop: Application of Docking in Drug Design - Group Projects
6	10-01-2022	Pharmacophore Modelling and Its Integration with Docking
7	11-01-2022	Validation and Interpretation of Docking Results
8	12-01-2022	Challenges and Advances in Molecular Docking
9	13-01-2022	Practical Applications in Molecular Docking
10	17-01-2022	Advanced Topics in Molecular Docking: Algorithms and Future Trends

T. Sarityosh
PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

11	18-01-2022	Practical Implementation and Integration of Docking in Drug Development
12	19-01-2022	Ethical Considerations and Regulatory Aspects in Drug Discovery
13	20-01-2022	Hands-on Session
14	21-01-2022	Presentations of Group Projects
		Field Work
15	22-01-2022	Course Assessment
		Awarding of Certificates and Closing Ceremony

Course outcomes:

After completion of this course, learners can

1. Gain a comprehensive understanding of Foundations of Molecular Docking in drug Discovery.
2. Explore the fundamental concepts of Basic Use of Docking Software
3. Acquire in-depth knowledge of various Pharmacophore Modelling and Its Integration with Docking .
4. Study the intricate details of Challenges and Advances in Molecular Docking.
5. Learn about the integration of Ethical Considerations and Regulatory Aspects in Drug Discovery.
6. Understand how Validation and Interpretation of Docking Results.

Value Added Course Report

Title: "Foundations of Molecular Docking in drug Discovery"
Duration: 30 Hours
Dates: 3rd January to 22nd January, 2022.
Time: 3:00 PM - 5:00 PM
Number of students attended: 45
Program Structure:

The program was structured meticulously over ten days, covering an array of essential topics:

Introduction to Molecular Docking: Understanding the basics of molecular docking and its significance in drug discovery.

Tools and Software Implementation: Practical sessions on using software and tools for molecular docking analysis.

Binding Mechanisms and Algorithms: Exploring the mechanisms and algorithms involved in molecular docking for effective drug-target interactions.

T. Sarityosh
PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

Case Studies and Applications: Real-life case studies and applications of molecular docking in pharmaceutical research.

Hands-on Workshops: Interactive sessions allowing students to practically apply their knowledge and skills.

Faculty and Guest Speakers:
Eminent scholars and professionals in the field of pharmaceutical research, computational chemistry, and molecular biology were invited as guest speakers and faculty members. Their expertise and insights provided invaluable guidance and enriched the learning experience for all participants.

Key Highlights:
Interactive sessions and practical workshops facilitated a hands-on learning experience.
Case studies and real-world examples helped students understand the practical application of theoretical knowledge.

The program encouraged networking and collaboration among students, fostering a community of aspiring researchers and professionals in the pharmaceutical field.
Participants had the opportunity to interact with experts and gain insights into potential career paths within pharmaceutical research and development.

Certificates and Achievements:
Upon successful completion of the program, all participants were awarded certificates recognizing their dedication and commitment to enhancing their knowledge in molecular docking in drug discovery.

Conclusion:
The "Foundations of Molecular Docking in Drug Discovery" Value added program organized by Sarojini Naidu Vanita Pharmacy Maha Vidyalaya was a resounding success. The comprehensive curriculum, expert guidance, and enthusiastic participation of students made this program an enriching and invaluable experience for all involved.

This program not only equipped the students with foundational knowledge in molecular docking but also served as a stepping stone towards their careers in pharmaceutical research and development.

We extend our gratitude to all participants, faculty members, and the organizing committee for their contributions to making this program a success.

Foundations of Molecular Docking in drug Discovery: A comprehensive Certificate Program 2021-2022

T. Sai Yogesh

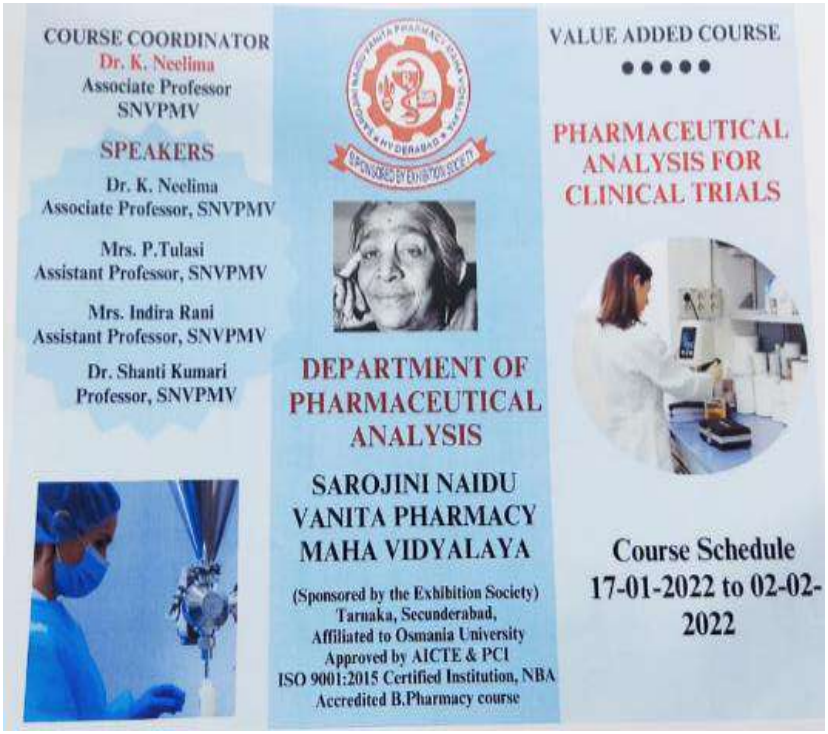
PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

Program Organizer:
SNVPMV,
Department of Chemistry
Date: 23/01/2022.

T. Sarivyosh
PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA
(Sponsored by the Exhibition Society), Tarnaka, Secunderabad
Affiliated to Osmania University, Approved by AICTE & PCI
ISO 9001: 2015 Certified Institution, NBA Accredited B. Pharmacy Course

"Pharmaceutical Analysis for Clinical Trials"



SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA
(Sponsored by the Exhibition Society), Tarnaka, Secunderabad
Affiliated to Osmania University, Approved by AICTE & PCI
ISO 9001: 2015 Certified Institution, NBA Accredited B. Pharmacy Course

Date: 10-01-2022

CIRCULAR

This is to inform that **M.Pharmacy (All) & Pharm D III, IV and V Year** students have Value added course on "**Pharmaceutical Analysis for Clinical Trials**" as per the schedule given below. Therefore, it is imperative for all students to take advantage of this opportunity and acquire the knowledge provided during the programme.

17th January 2022 to 2nd February 2022

T. Sai Yyosh
Principal
PRINCIPAL
Sarojini Naidu vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

Detailed Program Schedule

Name of Class: M. Pharmacy (All) Year & Pharm D III, IV, and V Year	**Course:** "Pharmaceutical Analysis for Clinical Trials"
Duration of Course: 15 Days	**Duration**: 2 Hours **Time:** 3:00 PM - 5:00 PM

Dates: 17th January 2022 to 2nd February 2022
Time: 3:00 PM - 5:00 PM
Duration: 30 Hours
Number of students attended: 60
Organized by: Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Coordinator: Dr. K Neelima, Associate Professor, Department of Pharmaceutical Analysis
Schedule: Pharmaceutical Analysis for Clinical Trials

Session	Date	Topic Name
1	17-01-22 18-01-22 19-01-22 20-01-22	Regulatory requirements for pharmaceutical analysis in clinical trials Good laboratory practice (GLP) for pharmaceutical analysis
2	21-01-22 22-01-22 24-01-22 25-01-22	Bio-analytical method development and validation Bio-analytical assay development and validation
3	26-01-22 27-01-22 28-01-22 29-01-22	Pharmacokinetic and pharmacodynamic analysis Clinical trial sample analysis
4	31-01-22 01-02-22 02-02-22	Statistical analysis of clinical trial data Interpretation and reporting of clinical trial data

Course outcomes:

Upon completion of the program, participants were able to:

1. Understand the regulatory requirements for pharmaceutical analysis in clinical trials
2. Apply GLP to pharmaceutical analysis
3. Develop and validate bioanalytical methods and assays
4. Conduct pharmacokinetic and pharmacodynamic analysis
5. Analyze clinical trial samples
6. Perform statistical analysis of clinical trial data
7. Interpret and report clinical trial data

Value Added Course Report

Title: Pharmaceutical Analysis for Clinical Trials

T. Sai Yogesh
PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

Duration: 30 Hours
Dates: January 17th to February 2nd, 2022
Time: 3:00 PM - 5:00 PM
Duration: 30 Hours
Number of students attended: 60
Coordinator: Dr. K. Neelima, Associate Professor, Department of Pharmaceutical Analysis

Introduction:
The "Pharmaceutical Analysis for Clinical Trials" Value added program aimed to offer a comprehensive understanding of the role of Pharmaceutical Analysis in Clinical Trials. Spanning over 30 hours, the program delved into various facets of clinical trials in pharmaceutical analysis and its significance in advancing pharmaceutical analysis in clinical trials.

Program Highlights:
Session 1 Navigating the Regulatory Maze: Understanding Pharmaceutical Analysis in Clinical Trials
Speaker Name: **Mrs. P. Tulasi, Assistant Professor, Department of Pharmacology**
To demonstrate the ability to navigate and interpret regulatory guidelines specific to clinical trials. Gain expertise in identifying and addressing potential regulatory challenges related to analytical methods, data integrity, and documentation, ensuring the successful planning and execution of pharmaceutical analyses within the clinical trial framework.

Session 2 Precision and Compliance: Applying GLP to Elevate Pharmaceutical Analysis
Speaker Name: **Mrs. Indira Rani, Assistant Professor, Department of Pharmaceutical Analysis**
To showcase proficiency in implementing GLP standards in analytical procedures, ensuring the reliability and reproducibility of pharmaceutical analysis. Emphasize the significance of adherence to GLP in producing high-quality, credible data essential for regulatory submissions and maintaining the integrity of research outcomes.

Session 3 Precision in Practice: Developing and Validating Bioanalytical Methods for Clinical Trials
Speaker Name: **Dr. K. Neelima, Associate Professor, Department of Pharmaceutical Analysis**
To demonstrate the ability to validate bioanalytical methods, ensuring their suitability for intended use in clinical trials. Understand and apply validation parameters, such as linearity, precision, and stability, to guarantee the reliability of bioanalytical data generated during the drug development process.

Session 4 Decoding Drug Dynamics: Conducting Pharmacokinetic and Pharmacodynamic Analysis
Speaker Name: **Mrs. M. Indira Rani, Assistant Professor, Department of Pharmaceutical Analysis**
To demonstrate expertise in conducting pharmacodynamic analysis, focusing on the relationship between drug concentration and its effects. Interpret and apply pharmacokinetic

T. Sarityosh
PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

and pharmacodynamic data to optimize drug dosing strategies and contribute to the overall success of clinical trials.

Session 5: From Collection to Conclusion: Analyzing Clinical Trial Samples with Precision
Speaker Name: **Dr. K. Neelima, Associate Professor, Department of Pharmaceutical Analysis**
To demonstrate expertise in utilizing various analytical techniques for the analysis of clinical trial samples. Emphasize the importance of selecting appropriate methods and instruments based on sample characteristics, ensuring accurate and reliable results for clinical trial data interpretation.

Session 6: Statistical Precision: Unveiling Insights from Clinical Trial Data
Speaker Name: **Dr. Shanthi Kumari, Professor, Department of Pharmaceutical Analysis**
To apply advanced statistical methods to analyze and interpret clinical trial data effectively. Emphasize the role of statistical analysis in drawing meaningful conclusions, supporting evidence-based decision-making, and contributing to the overall success of pharmaceutical research and development.

Session 7: From Raw Data to Regulatory Insight: Interpreting and Reporting Clinical Trial Findings
Speaker Name: **Dr. K Shanthi Kumari, Professor, Department of Pharmaceutical Analysis**
To master the art of effective reporting of clinical trial data, focusing on creating comprehensive and clear documentation for regulatory submissions. Highlight the significance of transparent reporting in facilitating the regulatory approval process and communicating research outcomes to diverse stakeholders.

Key Learning's:
The program was designed with the following key objectives:

- Grasp the intricate details of regulatory requirements for pharmaceutical analysis in clinical trials, with a focus on comprehending the role and expectations of key regulatory bodies such as the FDA, EMA, and ICH. Develop a keen awareness of the evolving landscape of clinical trial regulations.
- Apply Good Laboratory Practice (GLP) principles rigorously to pharmaceutical analysis. Develop practical skills in creating and maintaining a GLP-compliant laboratory environment, emphasizing the importance of documentation, personnel training, and equipment maintenance.
- Master the principles and techniques involved in developing robust bio-analytical methods and assays. Learn to design and optimize methods that meet regulatory requirements, with a focus on sensitivity, specificity, precision, and accuracy.
- Acquire a comprehensive understanding of pharmacokinetic principles, including drug absorption, distribution, metabolism, and excretion (ADME). Develop the skills to design and execute pharmacokinetic studies aligned with clinical trial objectives.

T. Sarityosh
PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

- Master the techniques for collecting, handling, and processing clinical trial samples. Develop proficiency in ensuring sample integrity and traceability from collection to analysis, emphasizing the importance of maintaining sample quality throughout the analytical process.
- Acquire a solid foundation in statistical principles relevant to clinical trial data analysis. Understand key statistical concepts, including hypothesis testing, data distribution, and variability, to make informed decisions during the analysis phase.
- Develop the ability to critically interpret clinical trial data, considering the study objectives, endpoints, and statistical outcomes. Emphasize the importance of presenting findings accurately and transparently in compliance with regulatory expectations.

Conclusion:

The 30-hour Value added program on Pharmaceutical Analysis for Clinical Trials was a well-organized and informative program. The participants gained valuable knowledge and skills that will help them in their careers as pharmaceutical scientists working in clinical trials.

Program Organizer:

SNVPMV,

Department of Pharmaceutical Analysis

Date: 3/2/2022

T. Sarivyosh

PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

"Biopharmaceutical Quality Assurance & Validation"

SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA
(Sponsored by the Exhibition Society), Tarnaka, Secunderabad
Affiliated to Osmania University, Approved by AICTE & PCI
ISO 9001: 2015 Certified Institution, NBA Accredited B. Pharmacy Course

Date:25-02-2022

CIRCULAR

This is to inform that **M. Pharmacy (Quality Assurance) III Semester & B. Pharmacy III Year** students may register for a Value-Added Course on ***"Bio-pharmaceutical Quality Assurance & Validation"*** as per the schedule given below. Hence all the students are highly encouraged to register and participate without fail.

Period of Certificate Program: 4th March to 23rd March 2022

T. Sarithyosh
Principal
PRINCIPAL
Sarojini Naidu vanita Pharmacy Maha Vidy
Vijayapuri Colony, S.Lalaguda, Tarn
Secunderabad-500 017.

TARNAKA SEC'BAD.

Detailed Program Schedule

Name of Class: M. Pharmacy (QA) III Semester ,B. Pharmacy III Year	**Course**: Bio-pharmaceutical Quality Assurance & Validation
Duration of Course: 15 Days	**Duration**: 2 Hours **Time:** 3:00 PM - 5:00 PM

Dates: 4th March to 23rd March 2022
Time: 3:00 PM - 5:00 PM
Duration: 30 Hours
Number of students attended: 77
Organized by: Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Coordinator: Mrs. R. Prasanthi, Assistant Professor, Department of Pharmaceutical Quality Assurance, SNVPMV
Mrs. K. Vinutha, Assistant Professor, Department of Pharmaceutical Quality Assurance, SNVPMV
Schedule: Bio-pharmaceutical Quality Assurance & Validation

Session	Date	Topic Name
1	04-03-2022	Introduction to Biopharmaceuticals
2	05-03-2022	Regulatory Requirements for Biopharmaceuticals
3	07-03-2022	Quality Assurance System for Biopharmaceutical Manufacturing
4	08-03-2022	Sterility Testing of Biopharmaceuticals
5	09-03-2022	Endotoxin Testing of Biopharmaceuticals
6	10-03-2022	Potency Testing of Biopharmaceuticals
7	11-03-2022	Environmental Monitoring Program for Biopharmaceutical Manufacturing
8	14-03-2022	Cleanroom Classification and Design for Biopharmaceutical Manufacturing
9	15-03-2022	Personnel Training and Gowning Procedures for Biopharmaceutical Manufacturing
10	16-03-2022	Sterilization Methods for Biopharmaceuticals
11	17-03-2022	Depyrogenation Methods for Biopharmaceuticals
12	19-03-2022	Validation of Sterilization and Depyrogenation Processes for Biopharmaceuticals
13	21-03-2022	Quality Risk Management Principles for Biopharmaceutical Manufacturing
14	22-03-2022	Risk Assessment and Risk Mitigation for Biopharmaceutical Manufacturing
15	23-03-2022	CAPA (Corrective and Preventive Action) System for Biopharmaceutical Manufacturing

T. Sai Yogesh
PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

Course outcomes:

After completion of this course, learners can

1. Understand the key terms and concepts related to the Biopharmaceutical Quality Assurance and Validation in Pharmaceutical industry.
2. Understand the importance of maintaining proper documentation in the pharmaceutical industry related to Quality Control of Biopharmaceuticals.
3. Understand quality challenges and solutions pertaining to Environmental Monitoring and Control in Biopharmaceutical Manufacturing.
4. Understand detailed discussions on Sterilization and Depyrogenation of Biopharmaceuticals.
5. Understand Practical insights into Quality Risk Management in Biopharmaceutical Manufacturing.
6. Understand Strategies for continuous quality improvement and best practices

Value added Course Report

Title: "Bio-pharmaceutical Quality Assurance & Validation"
Academic Year 2021-2022
Dates: 4th March to 23rd March 2022
Time: 3:00 PM - 5:00 PM
Duration: 30 Hours
Number of students attended: 77
Organized by: Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Coordinator: Mrs. R. Prasanthi, Assistant Professor, Department of Pharmaceutical Quality Assurance, SNVPMV
Mrs. K.Vinutha, Assistant Professor, Department of Pharmaceutical Quality Assurance, SNVPMV
Speakers:
1. Dr.T. Mamatha, Professor & Head, Department of Pharmaceutical Quality Assurance, SNVPMV.
2. Dr. S. Anuradha Bai, Professor, SNVPMV.
3 Dr. Siva Jyothi, Associate Professor, SNVPMV

Introduction

In the pursuit of academic excellence and in line with our commitment to fostering knowledge and skill development among our students, Sarojini Naidu Vanita Pharmacy Maha Vidyalaya organized a 30-hour Value added program on "Pharmaceutical Quality Management Systems (QMS)" during the academic year 2021-2022. The program was conducted from 4th March to 23rd March 2022.

Program Objectives

The program was designed with the following key objectives:

1. Lectures and Workshops: A series of expert-led lectures and interactive workshops were conducted, focusing on essential Quality Risk Management in Biopharmaceutical Manufacturing principles and practices in the pharmaceutical sector.
2. Case Studies: Real-life case studies were examined to understand quality challenges and solutions in the industry.

T. Sarityosh
PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

3. Regulatory Compliance: Detailed discussions on regulatory compliance requirements and industry standards.
4. Quality Audits: Practical insights into quality audits and inspection preparation for students.
5. Quality Improvement: Strategies for continuous quality improvement and best practices.

Program Overview

The Value added program on Quality Risk Management in Biopharmaceutical Manufacturing was designed to provide students with in-depth knowledge of quality management practices in the pharmaceutical industry. The curriculum covered various aspects of Quality Risk Management in Biopharmaceutical Manufacturing, quality assurance, compliance, and regulatory requirements, ensuring that participants gained a comprehensive understanding of the subject.

Key Session Highlights

Session 1: Introduction to Bio-pharmaceutical Quality Assurance & Validation
This session provided participants with an introductory overview of Pharmaceutical Quality Management Systems (QMS) applications in pharmaceutical sciences, emphasizing its significance and potential impact on the industry.

Session 2: Quality Assurance Principles and Practices
Participants delved into the core concepts of Quality Assurance its Principles and Practices along with their applications in drug research, molecular analysis.

Session 3: Quality Control and Quality Management Tools
Focusing on the application of Quality Management Tools in risk assessment, this session covered topics such as risk identification, risk optimization, and predictive analytics.

Session 4: Case Studies in Pharmaceutical Quality Management
The session explored how Quality Management is having impact on patient care, discussing predictive healthcare models and data-driven decision-making.

Conclusion

The 30-hour Value added program on "Bio-pharmaceutical Quality Assurance & Validation" was a resounding success. It not only enhanced the knowledge and skills of our students but also strengthened their understanding of the importance of quality assurance in the pharmaceutical sector. This program, organized by Sarojini Naidu Vanita Pharmacy Maha Vidyalaya, contributed significantly to the academic growth and professional development of the participants. We express our gratitude to the instructors, students, and everyone involved in making this program a success. We remain committed to organizing such educational initiatives in the future to nurture and empower the next generation of pharmaceutical professionals.

T. Sarityosh
PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

Program Organizer:
SNVPMV,
Department of Pharmaceutical Quality assurance
Date: 24/3/2022

T. Sarivyosh
PRINCIPAL
Sarojini Naidu Vanita Pharmacy Maha Vidyalaya
Vijayapuri Colony, S.Lalaguda, Tarnaka
Secunderabad-500 017.

"NPTEL"

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY06S33530569

To
ETABOINA LAXMI
8-2-269/19/609
INDRA NAGAR
HYDERABAD
TELANGANA - 500033
PH. NO :6281622789

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

ETABOINA LAXMI

for successfully completing the course

Biochemistry

with a consolidated score of **60** %

Online Assignments	20.1/25	Proctored Exam	40/75

Total number of candidates certified in this course: **394**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY06S33530603

To
GAMPALA TEJASHREE
6-2-67/1 NEW-BHOIGUDA
NEW-BHOIGUDA SECUNDERABAD
SECUNDERABAD
TELANGANA - 500003
PH. NO :9059840522

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

GAMPALA TEJASHREE

for successfully completing the course

Biochemistry

with a consolidated score of **69** %

Online Assignments	19.35/25	Proctored Exam	49.5/75

Total number of candidates certified in this course: **394**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY06S33531866

To
SARAYU GUTHULA
H-NO-1-121/117C V.S.T COLONY
NACHARAM, HYDERABAD
HYDERABAD
TELANGANA - 500076
PH. NO :8143992428

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SARAYU GUTHULA

for successfully completing the course

Biochemistry

with a consolidated score of **53** %

Online Assignments	20.25/25	Proctored Exam	33/75

Total number of candidates certified in this course: **394**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No:NPTEL22CY06S33531866

To validate and check scores: https://nptel.ac.in/noc

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY06S43531380

To
HUSNA MAHVEEN
H.NO 22-5-675,CHOWK MAIDAN KHAN
ALIJAH KOTLA
HYDERABAD
TELANGANA - 500002
PH. NO :9347655808

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

HUSNA MAHVEEN

for successfully completing the course

Biochemistry

with a consolidated score of **54** %

Online Assignments	18.81/25	Proctored Exam	35.21/75

Total number of candidates certified in this course: **394**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY06S43532627

To
JARUPULA DIVYA
H.NO.17-1-391/G/F/42, SINGARENI COLONY
SAIDABAD, HYDERABAD
HYDERABAD
TELANGANA - 500059
PH. NO :9949622537

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

JARUPULA DIVYA

for successfully completing the course

Biochemistry

with a consolidated score of **43** %

Online Assignments	12.72/25	Proctored Exam	30.62/75

Total number of candidates certified in this course: **394**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY06S33530088

To
RAKSHITHA
34-99, FL NO-102, 1ST FLOOR
RAGHURAM RESIDENCY, V V PURAM
HYDERABAD
TELANGANA - 500056
PH. NO :8106323216

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

RAKSHITHA

for successfully completing the course

Biochemistry

with a consolidated score of **56** %

Online Assignments	18.72/25	Proctored Exam	37.5/75

Total number of candidates certified in this course: **394**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY06S33530247

To
MINNEKANTI JAHNAVI
GAYATRINAGAR MOULAALI
STREET NO 4
HYDERABAD
TELANGANA - 500040
PH. NO :7680061678

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

MINNEKANTI JAHNAVI

for successfully completing the course

Biochemistry

with a consolidated score of **50** %

Online Assignments	20.44/25	Proctored Exam	30/75

Total number of candidates certified in this course: **394**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY06S33530148

To
NOMITHA MEDHA BYREDDY
H.NO.-12-5-149/14/6/2
VIJAYAPURI COLONY,AXIS BANK LANE,TARNAKA
SECUNDERABAD
TELANGANA - 500017
PH. NO :9573251612

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

NOMITHA MEDHA BYREDDY

for successfully completing the course

Biochemistry

with a consolidated score of **63** %

Online Assignments	19.75/25	Proctored Exam	43.5/75

Total number of candidates certified in this course: **394**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY06S43531203

To
POOSA HARINI
HNO 173 LALBAZAR
TRIMULGHERRY SECUNDERABAD
HYDERABAD
TELANGANA - 500015
PH. NO :6304478751

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

POOSA HARINI

for successfully completing the course

Biochemistry

with a consolidated score of **70** %

Online Assignments	19.44/25	Proctored Exam	50.51/75

Total number of candidates certified in this course: **394**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY06S33530294

To
S RAVALIKA
18-3-463/1/58/1
SHIVAJINAGAR,RAJANNNABAOWLI
HYDERABAD
TELANGANA - 500053
PH. NO :8317605796

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

S RAVALIKA

for successfully completing the course

Biochemistry

with a consolidated score of **53** %

Online Assignments	20.44/25	Proctored Exam	33/75

Total number of candidates certified in this course: **394**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY06S43530992

To
SNEHA
1-8-215/28/29, TIRTH SHILA, FLAT 102
BHAGAVAN MAHAVEER ROAD, OLD BAZAR
SECUNDERABAD
TELANGANA - 500003
PH. NO :9448690244

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SNEHA

for successfully completing the course

Biochemistry

with a consolidated score of **61** %

Online Assignments	20.03/25	Proctored Exam	41.33/75

Total number of candidates certified in this course: **394**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY06S33530140

To
V NIKITA SHREE
F3 SHIVA SAI APT 3 MAA FURNITURE LANE
CHANDRAGIRI COLONY (WEST), MALKAJGIRI
HYDERABAD
TELENGANA - 500056
PH. NO :9392820887

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

V NIKITA SHREE

for successfully completing the course

Biochemistry

with a consolidated score of **49** %

Online Assignments	18.5/25	Proctored Exam	30/75

Total number of candidates certified in this course: **394**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY06S33530365

To
V SAI MALAVYA
VIJAYAPURI COLONY TARNAKA
12-5-31/32 S LALA GUDA ROAD SECUNDERABAD
SECUNDERABAD
TELANGANA - 500017
PH. NO :9381294761

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

V SAI MALAVYA

for successfully completing the course

Biochemistry

with a consolidated score of **60** %

Online Assignments	19.53/25	Proctored Exam	40.5/75

Total number of candidates certified in this course: **394**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत