



KASHI INSTITUTE OF PHARMACY

ISO 9001 : 2015 (QUALITY MANAGEMENT SYSTEM)

Manage By: Jain Education Society

E-mail: info@kashiit.ac.in

Website: <https://kashiip.ac.in>

1800-123-321-123



1.2.2 - Number of Add on /Certificate programs offered during the year.

Session: 2023-2024

| S. No | VALUE ADDED COURSES OFFERED |
|-------|---|
| 1 | Enantiomeric Chromatography In Drug Discovery |
| 2 | Food Preservation Technology |
| 3 | Introduction to Marine, Aquatic and Geo microbiology And Its Applications |
| 4 | Drug Store And Business Management |
| 5 | Glossary of Pharmaceutical Terminologies |
| 6 | Computational Tools- A Contemporary Approach In Drug Discovery Process |
| 7 | Adverse Drug Reactions - A challenge For Healthcare Professionals |
| 8 | Investigational Uses of Drug |
| 9 | Herbal Medicines and Its Integration with Conventional Therapy |
| 10 | Radio Pharmaceuticals- A Concern for Hospital Pharmacist |
| 11 | Antibiotic Resistance- A Challenge for Medical Professionals |



Kashi Institute of Pharmacy



1.2.2.1 - How many Add on /Certificate programs are added during the year.

Session: 2023-2024

| S. No | VALUE ADDED COURSES OFFERED (Non-Repeated) |
|-------|--|
| 1. | Glossary of Pharmaceutical Terminologies |
| 2. | Computational Tools- A Contemporary Approach In Drug Discovery Process |
| 3. | Adverse Drug Reactions - A challenge For Healthcare Professionals |
| 4. | Investigational Uses of Drug |
| 5. | Herbal Medicines and Its Integration with Conventional Therapy |
| 6. | Radio Pharmaceuticals- A Concern for Hospital Pharmacist |
| 7. | Antibiotic Resistance- A Challenge for Medical Professionals |



Kashi Institute of Pharmacy

ABOUT THE INSTITUTION

Kashi Institute of Pharmacy got its existence in 2009 with the vibrant vision of Jain Education Society to give an outstanding ambience of technical education in the entire Uttar Pradesh and especially in Purvanchal, it is approved by Pharmacy Council of India (PCI), New Delhi under Ministry of HRD, Govt. of India and is affiliated to Dr. A.P.J. Abdul Kalam Technical University (AKTU), Lucknow (formerly U.P.T.U Lucknow).

| S. No. | Topics | No. of Hrs. |
|--------|---|-------------|
| 1 | Techniques of enantioselective chromatography on CSPS and HPLC and SFC CSPs under different mobilephase Modes | 4hrs. |
| 2 | and SFC CSPs under different mobilephase | 6 hrs. |
| 3 | Macrocyclic CSPS | 6 hrs. |
| 4 | Polysaccharide CSPs | 4 hrs. |
| 5 | Strategies for fast enantioselective method | 4 hrs. |
| 6 | Consideration of laboratory-scale preparative enantiosparation in drug discovery | 6hrs. |
| 7 | Total | 30 |

RESOURCE PERSON

Ms. Shakshi Srivastava
Assistant Professor
KIP



COURSE OBJECTIVE:

To train the students in skills required for Enantiomeric Chromatography on HPLC and SFC on Chiral Stationary Phases (CSPs) and certification will be provided after successful completion.

COURSE OUTCOME:

Upon completion of the course, the student will be able to achieve the following outcomes:

- Understand the principles of Enantiomeric Chromatographic Separation.
- Understand the application of emerging technology of Supercritical Fluid.
- Perform quantitative and qualitative analysis of enantiomers using various analytical.

Organizing committee:

Convener:

Dr. Ashutosh Mishra
Director, KIP

Coordinator:

Dr. Vivek Keshri
HOD, KIP

VALUE-ADDED COURSE

On

"Enantiomeric chromatography in Drug Discovery"

Date: 04-24 October, 2023

Venue: LRB-06, KIP



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KASHI INSTITUTE OF PHARMACY
Mirzamurad, Varanasi

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| S. No. | Topics | No. of Hrs. |
|--------|---------------------------------|-------------|
| 1 | Introduction | 6 |
| 2 | Importance of food preservation | 6 |
| 3 | Traditional Methods | 6 |
| 4 | Modern Methods | 6 |
| 5 | Significance and Conclusion | 6 |
| | Total | 30 |

RESOURCE PERSON

Mr. Madhup Ojha
Assistant Professor,
KIP



COURSE OBJECTIVE:

This course will make the students aware about the various traditional and modern techniques uses for preservation of food. Traditional methods like refrigeration , pickling ,freezing and some modern methods like pasteurization .

COURSE OUTCOME:

Upon completion of the course.

- Understand the importance of food preservation.
- Explain various methods of food preservation.
- Know about the different methods individually..

Organizing committee

Convener:
Dr. Ashutosh Mishra
Director, KIP

Coordinator:
Dr. Vivek Keshri
HOD, KIP



Value-Added Course On “Food Preservation Technology”

Date: 04 - 24th October, 2023

Venue: LRB-02, KIP



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| S. No. | Topics | No. of Hrs. |
|--------|---|-------------|
| 1 | Introduction about Microbiology | 4hrs. |
| 2 | General introduction about Marine microbiology & its application | 6 hrs. |
| 3 | General introduction about Aquatic microbiology & its application | 6 hrs. |
| 4 | General introduction about Geomicrobiology & its application | 6 hrs. |
| 5 | Comparison & Differentiations between microbes. | 6 hrs. |
| 6 | Assessment & conclusion | 2 hrs. |
| 7 | Total | 30 |

RESOURCE PERSON

Mr. Rahul Sharma
Assistant Professor
KIP



COURSE OBJECTIVE:

This course will lay the foundation for Introduction to Marine, Aquatic and Geo Microbiology & its Application and help students help students to develop basic knowledge about different diverse of microbes.

COURSE OUTCOME:

Upon completion of the course.

- Knowledge of basic microorganism.
- Develop basic vocabulary and terms.
- It helps you learn the proper knowledge about the microbes and their detailed character.

Organizing committee:

Convener:

Dr. Ashutosh Mishra
Director, KIP

Coordinator:

Dr. Vivek Keshri
HOD, KIP

VALUE-ADDED COURSE

On

Introduction to Marine, Aquatic and Geo Microbiology & its Application''

Date: 04 - 24th October, 2023

Venue: LRB-03, KIP



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| S. No. | Topics | No. of Hrs. |
|--------|--|-------------|
| 1 | Introduction to drug store and business management | 4hrs. |
| 2 | Drug house management | 6 hrs. |
| 3 | Sales promotion | 6 hrs. |
| 4 | Recruitment & Training | 4 hrs. |
| 5 | Banking & Finance | 4 hrs. |
| 6 | Introduction to the accounting | 6hrs. |
| 7 | Total | 30 |

RESOURCE PERSON

Ms. Akanksha Patel
Assistant Professor
KIP



COURSE OBJECTIVE:

DSBM focuses on pharmaceutical operations, compliance, finance, & customer service skills. It aims to train effective pharmacy managers with marketing strategies and healthcare knowledge.

COURSE OUTCOME:

After the completion of course student will know about,

- Practical step in solving problems of the management of pharmacist and drug stores.
- Know the concept of accounting.
- Sales promotion.
- Stock management.

Organizing committee:

Convener:

Dr. Ashutosh Mishra
Director, KIP

Coordinator:

Dr. Vivek Keshri
HOD, KIP

VALUE-ADDED COURSE

On

**“Drug Store and Business
Management”**

Date: 01-20 November, 2023

Venue: LRB-06, KIP



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| S. No. | Topics | No. of Hrs. |
|--------|--|-------------|
| 1 | General Introduction | 4hrs. |
| 2 | Medical Terminology | 2 hrs. |
| 3 | Laboratory Terminologies | 2hrs. |
| 4 | Pharmaceutics Terminologies | 4 hrs. |
| 5 | Prescription Terminologies | 2 hrs. |
| 6 | Pharmaceutical Chemistry Terminologies | 4hrs. |
| 7 | Pharmacological Terminologies | 6hrs. |
| 8 | Miscellaneous Terms | 4 hrs. |
| 9 | Assessment and Conclusion | 2hrs. |
| | Total | 30 |

RESOURCE PERSON

Mrs. Sneha Yadav
Assistant Professor
KIP



COURSE OBJECTIVE:

The primary objective of this course is to equip students with a comprehensive understanding of pharmaceutical terminologies essential for effective communication and practice within the field.

COURSE OUTCOME:

Upon completion of the course students shall be able to:

- Accurately define and use pharmaceutical terminologies.
- Interpret and apply pharmaceutical documentation.
- Enhance professional communication.
- Adapt to emerging terminologies and advancements in the pharmaceutical field.

Organizing committee:

Convener:

Dr. Ashutosh Mishra
Director, KIP

Coordinator:

Dr. Vivek Keshri
HOD, KIP

VALUE-ADDED COURSE

On

Glossary Of Pharmaceutical Terminologies

Date: 21st Nov. to 19th Dec. 2023

Venue: LRB-04, KIP



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Director

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| S. No. | Topics | No. of Hrs. |
|--------|--|-------------|
| 1 | General introduction | 2hrs. |
| 2 | Drug discovery process | 2 hrs. |
| 3 | Role and importance of computational tools in drug discovery process | 2 hrs. |
| 4 | List of computational tools | 2 hrs. |
| 5 | Chemdraw | 4 hrs. |
| 6 | Autodock | 8 hrs. |
| 7 | Graphpad prism | 8 hrs. |
| 8 | Assessment and conclusion | 2 hrs. |
| | Total | 30 |

RESOURCE PERSON

Mr. Prashant Choubey
Assistant Professor
KIP



COURSE OBJECTIVE:

Course focuses on equipping students with practical skill and knowledge of various computational tools commonly used in drug discovery process.

COURSE OUTCOME:

Upon completion of the course participants shall be able to:

- Know basics of drug discovery process
- Know about fundamental principles of computational tools used in drug discovery.
- Know about various software's used in drug discovery process.
- Gain hands-on experience on computational tools used in drug discovery.
- Develop skills in analyzing and interpreting computational data.

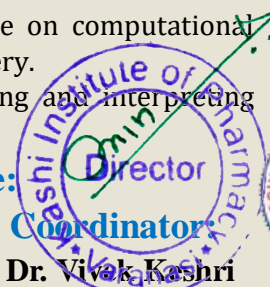
Organizing committee:

Convener:

Dr. Ashutosh Mishra
Director, KIP

Coordinator:

Dr. Vivek Kashri
HOD, KIP



VALUE-ADDED COURSE

On

**“Computational Tools”
A Contemporary Approach
In Drug Discovery Process**

Date: 21st Feb.-18th March 2024

Venue: LRB-04, KIP



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| S. No. | Topics | No. of Hrs. |
|--------|-----------------------------------|-------------|
| 1 | General Introduction | 4 hrs. |
| 2 | Etiology of ADR | 2 hrs. |
| 3 | ADR classification | 6 hrs. |
| 4 | Diagnosing ADR | 2 hrs. |
| 5 | Risk factor and prevention of ADR | 4 hrs. |
| 6 | Pharmacovigilance | 6 hrs. |
| 7 | Case study | 2 hrs. |
| 8 | Drugs & their ADRs | 2 hrs. |
| 9 | Assessment and conclusion | 2 hrs. |
| | Total | 30 hrs |

RESOURCE PERSON

Mr. Sachidanand Pathak
Assistant Professor
KIP



COURSE OBJECTIVE:

The courses objective is to provide knowledge to participants about ADR its etiology, consequences, how ADR differs from side effect and its effective management and also.

COURSE OUTCOME:

Upon completion of the course, participants shall be able to:

- Understand ADR mechanism.
- Identify risk factors associated with ADR.
- Differentiate between ADR and side effects.
- Learn approaches to manage and mitigate ADRs.
- Understand the importance of accurate documentation and reporting of ADRs for drug safety surveillance.

Organizing committee:

Convener:

Dr. Ashutosh Mishra
Director, KIP

Coordinator:

Dr. Vivek Keshri
HOD, KIP

VALUE-ADDED COURSE

On

“ADVERSE DRUG REACTIONS ”
A Challenge For Healthcare
Professionals

Date: 26th Feb.- 20th March 2024

Venue: LRB-04, KIP



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| S. No. | Topics | No. of Hrs. |
|--------|--|-------------|
| 1 | General introduction | 4 hrs. |
| 2 | Classification of investigational drug | 4 hrs. |
| 3 | Control of investigational drugs. | 4 hrs. |
| 4 | Authorization for Treatment with Drug Under Clinical Investigation | 4 hrs. |
| 5 | Procedure for investigational use of drugs | 2 hrs. |
| 6 | Investigational drug data sheet | 2 hrs. |
| 7 | Identification of investigational use of drugs | 2 hrs. |
| 8 | Role of hospital pharmacist in clinical evaluation of investigational drug | 2 hrs. |
| 9 | Advisory committee. | 4 hrs. |
| 10 | Assessment & Conclusion | 2 hrs. |
| | Total | 30 |

RESOURCE PERSON

Dr. Vivek Keshri
Associate Professor
KIP



COURSE OBJECTIVE:

This course focuses on equipping participants with knowledge of investigational drugs, their principles, classification, and identification. The course also focuses on the role of pharmacists in the investigational use of drugs and how advisory committees are functional for it.

COURSE OUTCOME:

- Upon completion of the course students shall be able to:
- Know about the investigational use of drugs.
 - Know policies and procedure for safe and ethical use of investigational drug.
 - Know about role of pharmacist in the clinical evaluation of investigational drugs.
 - Know about roles and responsibility of advisory committees for investigational use of drugs.

Organizing committee:

Convener:
Dr. Ashutosh Mishra
Director, KIP

Coordinator:
Dr. Vivek Keshri
HOD, KIP

VALUE-ADDED COURSE

On

“Investigational Use Of Drug”

Date: 27th March-25th April 2024

Venue: LRB-04, KIP



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| S. No. | Topics | No. of Hrs. |
|--------|--|-------------|
| 1 | General introduction | 2hrs. |
| 2 | Herbal medicines | 8 hrs. |
| 3 | Safety and efficacy of herbal medicines | 2 hrs. |
| 4 | Integration of herbal medicines | 4hrs. |
| 5 | Benefits of integrating herbal medicines | 2hrs. |
| 6 | Drawback of integrating herbal medicines | 2 hrs. |
| 7 | Patient Assessment and Education | 2 hrs. |
| 8 | Case studies | 4 hrs. |
| 9 | Assessment & Conclusion | 4 hrs. |
| | Total | 30 |

RESOURCE PERSON

Mr. Kumar Alok
Associate Professor
KIP



COURSE OBJECTIVE:

Course focuses on giving knowledge to students about herbal medicine, its therapeutic importance and its benefits. Also students will be able to know about importance and need of integrating herbal medicine with conventional therapy.

COURSE OUTCOME:

Upon completion of the course students shall be able to:

- To know about herbal medicines and its importance.
- Get knowledge about principles involved in herbal medicine.
- Enlist various herbal medicines along with its therapeutic importance.
- Know about conventional therapy and its principle.
- Know about importance and need of herbal medicine in conventional therapy.

Organizing committee: Convener:

Dr. Ashutosh Mishra
Director, KIP

Coordinator:

Dr. Vivek Keshri
HOD, KIP

VALUE-ADDED COURSE

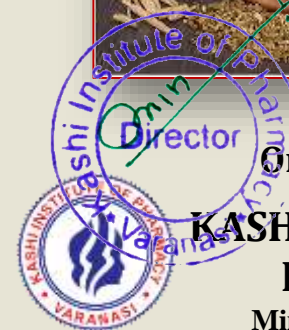
On

Herbal Medicines &

**Its Integration With Conventional
Therapy**

Date: 16th April-13th May 2024

Venue: LRB-04, KIP



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| S. No. | Topics | No. of Hrs. |
|--------|---|-------------|
| 1 | General introduction | 2 hrs. |
| 2 | Radioactive substance and radioactivity | 6 hrs. |
| 3 | Basic principle of radiopharmaceuticals | 2 hrs. |
| 4 | Clinical significance of radiopharmaceuticals | 4 hrs. |
| 5 | Harmful consequences of radiopharmaceuticals | 4 hrs. |
| 6 | Management of radiopharmaceuticals | 6 hrs. |
| 7 | Miscellaneous | 4 hrs. |
| 8 | Assessment and conclusion | 2 hrs. |
| | Total | 30 hrs. |

RESOURCE PERSON

Mr. Sahil Akhtar
Assistant Professor
KIP



COURSE OBJECTIVE:

The main objective of this course is to provide knowledge to students about radiopharmaceuticals its uses, storage, application, management and also about its harmful consequences.

COURSE OUTCOME:

Upon completion of course student shall be able to :

- Know about radiopharmaceuticals.
- Get knowledge about basic principle involved and importance of radiopharmaceuticals.
- Know about how to manage and store radiopharmaceutical in hospitals.
- Know about harmful consequences associated with radiopharmaceuticals.

Organizing committee:

Convener:

Dr. Ashutosh Mishra
Director, KIP

Coordinator:

Dr. Vivek Keshri
HOD, KIP

VALUE-ADDED COURSE

On

“RADIO PHARMACEUTICALS”
A Concern For Healthcare Professionals

Date: 18th April- 11th May 2024

Venue: LRB-04, KIP



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| S. No. | Topics | No. of Hrs. |
|--------|--|-------------|
| 1 | General introduction | 4hrs. |
| 2 | Antibiotics resistance | 6hrs. |
| 3 | Factors responsible for development of antibiotic resistance | 2 hrs. |
| 4 | Consequences of antibiotic resistance | 2 hrs. |
| 5 | Strategies to combat antibiotic resistance | 6 hrs. |
| 6 | Role of healthcare professionals | 2 hrs. |
| 7 | Examples of antibiotic resistance | 2 hrs. |
| 8 | Miscellaneous | 4 hrs |
| 9 | Assessment and conclusion | 2 hrs. |
| | Total | 30 |

RESOURCE PERSON

Dr. Vivek Keshri
Associate Professor
KIP



COURSE OBJECTIVE:

The course focuses on educating students about antibiotic resistance, its mechanism and the impact of it on humans. The course also focuses on giving knowledge about growing challenges and strategies to cope with the problem of antibiotic resistance.

COURSE OUTCOME:

Upon completion of the course, participants shall be able to:

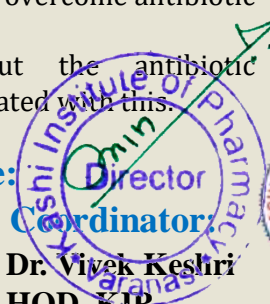
- Describe the Mechanisms of antibiotic resistance.
- Know about factors contributing to antibiotic resistance.
- Know about strategies to overcome antibiotic resistance.
- Educate patients about the antibiotic resistance and risk associated with this.

Organizing committee:

Convener:

Dr. Ashutosh Mishra
Director, KIP

Dr. Vivek Keshri
HOD, KIP



VALUE-ADDED COURSE

On

“ANTIBIOTIC RESISTANCE”
A Challenge For Medical Professionals

Date:04th -25thJun.

Venue: LRB-04, KIP



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